

Name index

- Acton, Charles 371
 Adler, Viktor 44, 53
 Anderson, Carl 45, 257, 336
 Anderson, Ronald 371
 Arrhenius, Svante 282
 Aspect, Alain 311
 Aston, Francis 276, 328
 Auerbach, Felix 132
 Avernarius, Richard 1, 19, 43, 170
 Ayer, Alfred 298
- Ball, Hugo 150
 Bär, Richard 148, 158, 165, 247, 341–2, 344
 Barkla, Charles 73
 Barnes, Djuna 20
 Barthes, Roland 386
 Bass, Ludvik 452–4
 Bauer, Alexander 8–12, 16, 26, 41, 121
 Bauer, Fritz 116, 333
 Bauer-Artzberger, Rhoda (Aunt Rhoda) 7, 9, 11
 Bauer-Bamberger, Emily (Aunt Emmy) 10, 14, 17
 Bauer-Böhm, Hansi 131, 275, 318–19, 333, 341, 346, 407, 428, 434, 443
 Bauer-Schrödinger, Georgine 9–19, 17, 63, 108, 133, 256
 Baumgartner, Andreas 33
 Bell, John 311
 Benda, Julien 376
 Benndorf, Hans 53
 Benzer, Seymour 404
 Berliner, Arnold 97, 325
 Bertel-Schrödinger, Annemarie:
 American travels 230–1; asthma 480;
 Berlin 236–7, 249, 262; B.M.W. 270,
 400, 438; depressions 441, 458; divorce
 considered 175–6, 191, 255, 429; Dublin
 369, 364, 382, 440; engagement 116;
 Erwin S. & 69–70, 81, 94, 116, 132, 226,
 338; Ewalds & 395, 410; Felicie & 66;
 Graz 321, 344; Italy 474; Junger family
 223, 227; Oxford 295, 297; Russian
 incident 457; Spain 300; Stockholm 290;
 Sylvester Abend 323; Vienna 321, 333,
 461–2, 466, 471, 482; wedding 131;
 Weyl & 275, 299, 323; Zürich 145, 149,
 195
 Bertotti, Bruno 386, 458, 471–2, 475, 479
 Bethe, Hans 269
 Birkhoff, George 354
 Bjerrum, Niels 98, 135
 Blackett, Patrick 416, 444
 Blackmore, John 42
 Blau, Marietta 479
 Bloch, Eugene 284
 Bloch, Felix 192
 Bogner, Maria 11
 Bohm, David 306, 311
 Böhme, Jakob 173
 Bohr, Niels: biology 394, 398–9;
 complementarity 228, 472;
 Copenhagen School 98, 152, 159, 210;
 Danish proverb 320; Dirac & 290;
 E. P. R. reply 305–6, 312–14; father 7;
 Galvani Congress 328–9; Heisenberg &
 210; hydrogen-atom theory 3, 135–6,
 220; – Kramers–Slater paper 160–1;
 London conference (1920) 450; metal
 theory 60; Nobel 282, 286, 288–90;
 Papal Academy 322; Schrödinger &
 226, 266–9, 251; Solvay Conferences
 157, 302, 279, 444; Zürich chair 141
 Boldt, Erika 249, 296
 Boltzmann, Ludwig 4, 20, 34, 37–40, 75,
 105, 118, 130, 153, 177, 226, 245, 465
 Born, Max: Berlin chair 234; Cambridge
 276, 295, 311; Edinburgh chair 319;
 Göttingen 159; Germany, escape 270;
 Heisenberg & 266; irreversibility 258,
 449; Lindemann & 268; London
 conference (1952) 451; matrix
 mechanics 208, 210; *Natural Philosophy
 of Cause and Chance* 449; Nobel 285;
 optics, nonlinear 383–4; philosophy
 and physics 1; probability waves 220,
 225, 240, 435–6; Schrödinger &: escape
 from Graz 342, 345–6, – letters from
 278, 280, 345, 361, 368, 376, 381, 446,

Cambridge University Press
978-1-107-56991-1 - Schrödinger: Life and Thought
Walter Moore

Index

[More information](#)

Name index 503

- 475, 479, – opinion of 6; statistics book 415; Simon, letters from 314, 346; Solvay conference 240–1; specific heats 77, 141
- Bose, Satyendra 180–1
- Bothe, Walther 162, 278
- Bragg, Lawrence 260, 288
- Bragg, William 247, 336
- Braunizer, Arnulf 467, 468
- Breit, Gregory 257
- Bridgman, Percy 157, 232
- Brillouin, Leon 141–2, 143
- Brogie, Louis de 181, 183–7, 189, 191–2, 203, 206, 241, 278–9, 282, 284, 286, 288, 311, 328
- Brogie, Maurice de 185, 278
- Brouwer, Luitzen 156
- Browne, Patrick 358, 363–4, 366, 368, 381, 402, 428
- Bruck, Hermann 272
- Burnet, John 437
- Butler, Samuel 48
- Cabrera, Blas 300
- Calderon, Pedro 348
- Callaway, I. 459
- Cap, Ferdinand 456
- Carlheim-Gyllenskold, V. 282
- Cartan, Elie 187
- Casimir, Henrik 262
- Cassirer, Ernst 5, 153
- Chamberlain, Neville 345, 347, 362
- Clancy, Basil 402
- Clauser, John 311
- Clausius, Rudolf 34, 139, 177
- Clery, Anthony 451
- Clifton, Ralph 268
- Coghley, 'Toto', 371
- Collie, C. H. 295
- Compton, Arthur 60, 160, 282
- Connolly, Cyril 376
- Conrad, Franz 79, 81, 107
- Conway, Arthur 206, 347, 354, 362, 366, 380
- Corinaldesi, Ernesto 445
- Costello, John 440, 446
- Courant, Richard 199, 267
- Cramer, John 259–60
- Crawshaw-Williams, Rupert 443
- Cramer, Erika 262
- Crick, Francis 39, 404
- Csokor, Franz 479
- Curie, Marie, 37, 278
- Dadiou, Armand 320
- Darwin, Charles 188, 318–19
- Davisson, Clinton 285
- Debye, Pieter: Berlin chair 234; Galvani congress 328; Munich 138; Nobel 282; Papal Academy 322; polar molecules 61, 63; Schrödinger, view of 152; Solvay 278; X-ray diffraction 73, Zürich 140, 142, 149, 191, 220
- Defant, Albert 262
- Delbrück, Max 249, 262, 394–5, 398, 403
- De Valera, Eamon: attacked by Sheila May 405; biography 352; Dublin colloquium 381; Dublin Institute for Advanced Studies 353–5, 368, 428; election loss 440; Royal Irish Academy 362; Schrödinger & 340, 342, 342, 344–5, 347, 351, 460
- Dirac, Paul: age of physicists 157, 220; Cambridge 276, 311; Dublin colloquium 379–81; holy P.A.M. 306; Nobel 280, 286, 288–90; quantum mechanics 205, 210; radiation theory 218–90; relativistic q.m. 45, 256–7, 373; Schrödinger: – view of 286, – visit with 347; Solvay conferences 279, 444
- Ditchburn, Robert 359
- Dobretsbereger, Josef 336
- Dolan, Betty 438
- Dollfuss, Engelbert 270, 320, 331
- Donnan, Frederick 317, 351, 402
- Doppler, Christian 33
- Drexler, Irene 80, 85
- Drude, Paul 74
- Drury, Maurice 441
- Eccles, John 597
- Eckhart, Johann 210
- Eckart, Carl 210
- Edington, Arthur: Dublin colloquium 379–81; *Nature of the Physical World* 259; relativity theory 336, 426, 429; Schrödinger & 324–30, 334; unified field theory 372, 417, 429
- Edel, Leon 3
- Edwards, Hilton 337, 370
- Ehrenfest, Paul 179, 210, 415
- Ehrenhaft, Felix 83, 129–30
- Einstein, Albert: B.K.S. paper 163–4; Berlin 133, 234, 243, 249, 255, 265, 269, 275; Bohr theory 137; Bose statistics 180–1, 183, 188, 415; Broglie & 187; Brownian motion 99; E.P.R. paper 304–6, 314; family background 7; German politics & 166, 266, 269, 469; gravitational energy 105; heat capacities 98; life after death 465, 475; light quanta 118–19; Lindemann & 271; *London Times* letter 314; Mach & 45; mathematics 51, 373; Michelson–Morley 167; Nobel 282, 286, 288; Princeton 294; probability 434; Prussian Academy 244, 275; relativity 105, 220, 386, 390; Schrödinger and

Cambridge University Press
978-1-107-56991-1 - Schrödinger: Life and Thought

Walter Moore

Index

[More information](#)

504 *Name index*

- Einstein, Albert (*cont.*)
 Graz 317, 338; Schrödinger's wave mechanics 209, 472, 305; Solvay 157, 241; unified field theory 424–7, 429–35, 459; Vienna lecture 72; Zürich 140
- Eisenhart, Luther 280, 292
- Elsasser, Walter 249
- Enskog, David 286
- Epicurus 169
- Epstein, Paul 140, 143, 232
- Escherisch, Gustav 51
- Ettinghausen, Andreas 33
- Eucken, Rudolf 132
- Ewald, Ella 133, 163, 373, 395
- Ewald, Paul: Anny S. & 339, 395, 412;
 Arosa visit 146; Belfast professor 373;
 Delbrück paper sent to S. 394; Dublin colloquium 375; Innsbruck meeting 163; Rügen 156; Stuttgart professor 92, 133, 192, 194
- Exner, Franz 35–7, 39, 52, 54, 58–9, 70, 121, 126, 129–30, 153, 245–6
- Farrington, Benjamin 440
- Fechner, Gustav 43, 175, 464
- Feric, Stephen 369, 423
- Fermi, Enrico 284, 328, 344
- Feynman, Richard 260, 386
- Fitzgibbon, Gerald 376
- Flamm, Ludwig 105, 132
- Flexner, Abraham 293, 353, 368
- Fokker, Adrian 100
- Fowler, Ralph 188, 276
- Franck, James 72, 263, 267
- Frank, Phillip 73, 200, 244
- Frenkel, J. I. 285
- Freud, Sigmund 16, 27, 112, 422
- Friedman, Alexander 349
- Frimmel, Egbert 46
- Frimmel, Franz 46–7, 175, 324, 394
- Fues, Erwin 192, 222
- Furtwängler, Friedrich 142
- Galton, Francis 228
- Gamow, George 403
- Geiger, Hans 73, 162
- George, Lloyd 107, 353
- Gerber, Paul 45
- Gerlach, Walter 284
- Germer, Lester 285
- Gibbs, Willard 38, 465
- Goebbels, Joseph 260, 270
- Goethe, Johann W. 49, 132, 171, 374, 446
- Gordon, George 271, 278, 280, 336, 338
- Goüy, Georges 99
- Graetz, Leo 75
- Greene, David 372–3, 404, 407, 413, 420
- Greene, Sheila (May) 372–3, 376, 404–14, 418, 420, 428
- Grillparzer, Franz 6, 23, 28, 150, 433
- Grotrian, Walter 262
- Grüneisen, Eduard 209
- Gullstrand, Allvar 282, 412
- Haber, Fritz 282, 411
- Habsburg, Franz Ferdinand 79, 81
- Habsburg, Franz Josef 33, 79, 81, 87, 94
- Habsburg, Karl 94, 107, 109
- Habsburg, Maria Theresia 8, 32, 45
- Hackett, Felix 368, 375
- Haeckel, Ernst 476
- Hahn, Otto 133, 265, 383
- Halifax (Edward Wood) 335–6, 340
- Halpern, Dora 16, 461
- Halpern, Leopold 470
- Hamel, George 154, 224
- Hamilton, Jim 374, 416
- Hamilton, William Rowan 207, 354, 392
- Hammarskjöld, M. 290
- Handlirsch, Anton 26, 116
- Hann, Julius 523, 95
- Hartree, Douglas 241
- Hasenöhrl, Fritz 1, 37, 39–40, 49–51, 58, 60, 62, 85, 93, 99, 129, 245, 475
- Hearn, Lafcadio 113
- Hegel, Friedrich 111, 232
- Heidegger, Martin 272
- Heisenberg, Werner: Berlin chair 234;
 Galvani Meeting 328–9; father 7;
 indeterminacy 154; Munich colloquium 222; Nazis, attitude to 266–7, 337, 341; Nobel 283–6, 288–90;
 quantum jumps 452; quantum mechanics 173, 208–10, 218; Pauli & 221, 272; Raman effect 219;
 Schrödinger & 226, 251, 307; Solvay conferences 240–1, 278
- Heitler, Walter 368, 375–6, 445, 450
- Helmholtz, Hermann, 122, 125, 129
- Hemingway, Ernest 85
- Henderson, Neville 336
- Hering, Ewald 48, 128
- Hermann, Armin 280
- Heron, Hilary 413
- Hertz, Gustav 72, 133
- Hertz, Heinrich 119, 456
- Herwig, Otto 195
- Herzfeld Karl A. 80
- Herzfeld, Karl F. 72, 80, 231, 233
- Hess, Viktor 67, 336
- Hesse, Hermann 150
- Hevesy, George 137, 328
- Hibben, John 294
- Hilbert, David 137, 208, 383, 386
- Hindenburg, Paul 107, 247, 263
- Hitler, Adolf 5, 156, 167, 263–5, 273, 200, 331, 333, 335, 337, 345, 375
- Hoff, Hans 466, 469, 482

Cambridge University Press
978-1-107-56991-1 - Schrödinger: Life and Thought
Walter Moore

Index

[More information](#)

Name index 505

- Hoffmann, Dieter 262
Holczabek, Wilhelm 482
Hoover, Herbert 109
Hopf, Ludwig 359
Hubble, Edwin 350
Hückel, Erich 150, 219
Hulthen, Eric 282, 287–8, 412, 420
Humboldt, Alexander 233
Humboldt, William 233
Husserl, Edmund 155
Huxley, Aldous 348, 357
Hyde, Douglas 365, 381
- Infeld, Leopold 383
Innitzer, Theodor 335
- Jäger, Gustav 82, 129–30, 284
Janossy, Lajos 415, 445
Joffe, Abram 158, 279
Johnson, C. P. 459
Johnston, William 44
Joliot, Frederic 278
Joos, Georg 168
Jordan, David Starr 282
Jordan, Pascual 208, 210, 285
Joseph-Weyl, Helene 149, 155, 176
Jung, Carl 48, 429, 464
Junger, Georg 223
Junger, Itha 200, 223–5, 249, 253–6, 302, 418, 423
- Kainz, Josef 27, 29
Kant, Immanuel 111, 169, 411, 465
Karman, Theodor 77, 98
Kavanagh, Paddy 371
Keating, George 375
Keesom, Willem 98, 322
Kirchhoff, Gustave-Robert 19, 36, 212
Klastersky, Wilhelm 456
Klein, Felix 38, 137, 207
Klein, Oskar 229
Kleiner, Alfred 140
Klimt, Gustav 30–1, 112
Klossowski, Balthasar (Balthus) 89
Kohlrausch, Fritz 53, 58, 68, 101, 120–1, 126, 245, 318, 320
Kohn, Gustav 51
Kolbe, Ella 54
Kollwitz, Käthe 469
Korner, Theodor 466
Köstler, Arthur 262, 457
Kottler, Friedrich 72, 105, 284
Kramers, Hendrik 161–2, 219, 328, 444
Krauss-Bianchi, Felicie 63–6, 80, 195, 316, 461
Kretschmer, Ernst 4
Kriek, Ernst 267
Kries, Johannes 128
Kuhn, Heinrich 271, 276
- Kuhn, Thomas 2
- Laclos, Choderlos 422
Ladenburg, Rudolf 134, 242, 293
Lamarck, Jean B. 47
Lanczos, Cornelius 361, 450
Landé, Alfred 192
Lang, Viktor 36, 72
Langevin, Paul 60, 187, 220
Laporte, Otto 232
Laue, Max: Berlin 234, 242, 243, 318;
classical education 21; Graz visit 333;
Innsbruck Meeting 163; Nazis,
opposition to 266, 337; Nobel 285;
Oxford visit 295; Prussian Academy
265; quantum mechanics 222, 306, 314,
472; X-ray diffraction 62, 73, 103;
Zürich chair 140–2
Laurence, William 432
Lawrence, Ernest 278
Lean, Lena 382, 422–3, 443
Lechner-Bauer, Natalie 10, 108
Leibniz, Gottfried 4, 243, 437
Lemaître, Georges 348–9
Lenard, Philipp 166–7
Lichtenberg, Georg 252, 374
Lieven, Alexander 372, 376–7
Lindemann, Frederick: Oxford professor
267–8, 278, 280; rescue of German
scientists 267–70, 275–6; Schrödinger &
– annoyance with 298, 345, – Halifax
appeal for 336, 340, – Mackenzie letter
348 – Nobel prize of 280, – Princeton
call to 292, – Tirol 275, – visa 351;
specific heats 98
Loewi, Otto 336, 493
London, Fritz 147, 268–71, 295, 376
Longford, Edward 370
Loomis, Edward 233
Lorentz, Hendrik 40, 60, 138, 214–16,
232, 239, 282
Loschmidt, Josef 34, 36, 130
Love, Augustus 318
Lucretius Carus 440, 468
Lueger, Karl 24, 44
Lummer, Otto 118, 134
- Macentee, Barbara, 363
Mach, Ernst 1, 5, 19, 38–41, 42–5, 48, 73,
121, 127, 170, 212, 217, 287, 388, 437
Mackenzie, W. J. M. 338
MacLiammoir, Michéal 357, 370
Mahler, Gustav 10, 54
Manly, Peggy 371–2
Mann, Thomas 112, 169, 407
March, Arthur: Belgium 350; career 164;
illness and death 460, 468; Innsbruck
163–4, 314, 456; marriage 249; Oxford
269, 272, 278; Tirol (1933) 273–5

Cambridge University Press
978-1-107-56991-1 - Schrödinger: Life and Thought
Walter Moore

Index

[More information](#)

506 *Name index*

- March-Braunizer, Ruth 296, 318–19, 321, 350, 354, 395, 418, 423, 456, 467–8
March, Hildegunde: Belgium 358; Berlin 269; birth of daughter 296; death of Arthur M. 468; Dublin 354, 359, 371–2, 395, 418; Erwin S. & 249, 255, 269, 272, 273–5, 321, 324; Innsbruck 314, 318–19, 321, 324, 423, 456, 467; Oxford 278–9, 296–8
Mark, Hermann 93, 95, 331–2, 335
Maugham, Somerset 248, 374
Maupassant, Guy 371
Maupertuis, Pierre 392
Maxwell, James Clerk 3, 34, 40, 72, 226, 382
May, Sheila: *see* Greene, Sheila
McConnell, Albert J. 354, 368, 393
McConnell, James 416–17, 453
McCrea, William 368
McGowan, Harry 268
McGrianna, Domhnall 368, 416
McMullin, Ernan 445
McNamara, Des 371
Meissner, Karl 148
Meitner, Lise 58, 133, 242, 262, 278, 444, 457, 461, 469, 472
Melchett (Alfred Mond) 324
Mendelssohn, Kurt 271, 276
Mendenhall, Charles 220, 231
Mertens, Franz 51
Meyer, Edgar 148, 158, 165, 167, 230, 236, 247, 283
Meyer, Stefan 37, 53, 134, 284
Miller, Dayton 166
Millikan, Robert A. 83–4, 232, 322
Minkowski, Herbert 387
Mises, Richard 200
Möglich, Friedrich 242, 265
Morgan, Thomas 289
Muller, Hermann 397, 399, 402
Muller, Max 171
Müller, Robert 330
Muralt, Alexander v. 148
Murnaghan, Francis 366
Murphy, James 302
Musil, Robert 5, 18, 54, 296

Nagaoka, Hantaro 285
Nasafi, Asiz 438
Nernst, Walther 72, 98, 135, 138, 157, 179, 222, 242–4, 266, 400
Neumann, John 306, 308, 311
Nevin, Thomas 380
Nietzsche, Friedrich 112, 169
Nobel, Alfred 281, 289
Noether, Emmy 106
Nolan, Kate 418–22, 428, 443
O'Casey, Sean 370, 404
O'Ceallaigh, C. 380
O'Kennedy, Sean 364–5
O'Leary, John 402
O'Nolan, Brian 365, 377–9
O'Rahilly, Alfred 378
Oliphant, Mark 276, 328
Oppenheimer, J. Robert 205, 432
Ortega y Gasset, José 299
Ortner, Gustav 455–6
Oseen, Carl 282–3, 285, 287–9
Ostwald, Wilhelm 38–9, 76, 122

Pacelli, Eugenio 322
Paschen, Friedrich 242–3
Pauli, Wolfgang: B–K–S paper 163; Dublin visit 427; EPR paper 306–7; father 7; Galvani Congress 328; Heisenberg & 221, 272, 286; Mach & 42; Nobel 286; Schrödinger & 250, 273, – letters 145, 152, 306; Solvay 444; tongue stuck out 430; Vienna Academy 470; Zürich 220–1, 272
Paulsen, Friedrich 20
Peirce, Charles 436
Peng, Hwan-Wu 374, 416
Perrin, Jean 187, 284, 328
Pius XI 322–3
Planck, Max: absolute, search for 117; Berlin professor 236, 242–3, 255, 262; birthday 80th 331, 339; Einstein & 72; father 7; Fokker–Planck eq. 100; Innsbruck meeting 163; Lindemann & 267; Mach & 45; Nazis, attitude to 265–6; Nobel nomination of S. 284–5; Papal Academy 322; Prussian Academy of Sciences 243–4; quantum of energy 3, 118; radiation theory 118, 134; Schrödinger, verses from 236; statistical mechanics 179–80, 182; Tirol 304, 342; wave mechanics, reactions to 209, 222
Pleijel, H. 282, 290
Plotinus 172
Podolsky, Boris 303
Poe, Edgar Allan 437
Polanyi, Michael 261–2
Polzer, Kurt 466, 469, 480
Popper, Karl 436, 449, 451
Power, Sheila 374, 416
Prendergast, Jim 376
Pringsheim, Ernst 118
Prizbram, Karl 284, 456
Proca, Alexandre 417, 426, 453

Quine, Willard 451

Raman, Chandrasekhara 219, 285, 348
Ramanuja 172
Rathenau, Walter 167

Cambridge University Press
978-1-107-56991-1 - Schrödinger: Life and Thought

Walter Moore

Index

[More information](#)

Name index 507

- Ratnowsky, Simon 140, 148
 Regener, Erich 133, 142, 222
 Reiche, Fritz 134
 Reichelt, Hans 337
 Reichenbach, Hans 133, 242
 Rella, Anton (Tonio) 26, 31
 Rella, Lotte 26, 54, 87–90, 364
 Renner, Karl 109, 338, 455
 Ribbentrop, Joachim 335, 341
 Richards, Shelagh 404
 Richardson, Owen 280, 328
 Rie, Lucie 443–4
 Riemann, Georg 388
 Rilke, Rainer Maria 39, 468
 Rintoul, William 280
 Robinson, Lennox 371
 Röntgen, Wilhelm 137, 282, 411
 Rosen, Nathan 303
 Rosenfeld, Leon 305, 428
 Russell, Bertrand 443, 451, 476
 Russell, William 8–9
 Russell-Bauer, Emily 8
 Rust, Bernhard 265
 Rutherford, Ernest 135–6, 268, 276, 322, 328
 Ryan, John 358, 371
- Sackur, Otto 178
 Salpeter, Jakob 55
 Salten, Felix 81
 Śankara 171–2, 429
 Scherrer, Paul 142, 149, 165, 176, 179, 220
 Schiele, Egon 30
 Schiller, Friedrich 28–9, 132, 150
 Schlaginhausen, Otto 199
 Schlapp, Robin 318
 Schlesinger, Ludwig 199
 Schmidt, Wilhelm 96
 Schneeweiss, Joseph 466, 469
 Schnitzler, Arthur 20, 27, 80, 248, 422
 Schopenhauer, Arthur 4, 109, 111–12, 176, 191, 407–11, 465, 478
 Schrödinger, Erwin: American voyage (1927) 230–3; Anny – first meeting 69, – engagement 116, – psychology 323; anticlericalism 24, 458; appendicitis 450; atom bomb 423, 432; Austria, escape from (1938) 342–5; BBC Talks 301, 448; Baptism 12; Belgium (1939) 347–51; Berlin University – appointment 233–6, – Emeritus 300, 343, – teaching 241–2; bicyclist 19, 273, 356, 362–6, 364, 410; birthplace 12; Bohr-theory paper (1921) 138; Breslau professorship 134; Brownian Motion 98–100; cat paradox 306–9; cataract operations 441; childhood 12–20; Christmas 115; cleaning ladies 416, 433, color vision 58, 128; Confession to Führer 337–8; Copenhagen visit (1926) 266–9; daughters – Linda 423, – Nicole 420, – Ruth 296, 418; death and burial 482; Deutsches Museum lecture (1930) 250–1; devil's grandmother 426–7; diaries 3, 14, 31; doctoral degree 54–6; dreams 16, 87, 90, 117, 255; Dublin arrival 355; Dublin farewells 458; Dublin office 366; Edinburgh University 318; Einstein correspondence 182–3, 304–5, 338, 424–7, 430–3; engagement, Felicie 63–6; English visit (1898) 19; Equation – first derivation 197–200, – first paper 200–7, – second paper 207–9, – third paper 213–14 – time dependent 217–18; esthete 407; euthanasia 468; – expanding-universe paper (1939) 349–50; – *Expanding Universes* 458; explosion audibility 95; family history 8–12; Faschingszeit ball 262; father, *see* Schrödinger, Rudolf; financial straits (1920) 115; first outstanding paper 75–8; first love affair 54; Freedom 301; freezing-point theory 61–3; *Gedichte* 446; general relativity 105; grandson, Andreas 468; Graz University 322, 331, 343; Gymnasium student 20–6; *Habilitation* 59–63; Haitinger prize 122; Handbook articles 74, 129; Harvard University 232, 451; health 108, 145, 415, 441, 451, 458, 460, 466, 468, 475, 482; honorary degrees (Gent) 350, (Dublin) 366, (Edinburgh); Inaugural Lectures (Graz) 322, (Vienna) 461, (Zürich) 152; income 115, 131, 143, 236, 321, 365, 438, 450; informality 242; Innsbruck University 164–6, 456; Irish citizenship 440; Jena University assistantship 131–2; last days 480; Liegekur 145, 475; Lolita complex 88–90, 223, 363; London Lectures (1928) 247; *London Times* letter 314; Lorentz correspondence 214–17; Love affairs: (Ithi Junger) 223–5, 254–6, (Hilde March) 272–5, (Hansi Bohm) 316, 333, 346, 428, (Sheila May) 404–14, (Kate Nolan) 417–23; Magdalen College Fellowship 271; marriage 131, 175–6, 323; *Mein Leben* (Autobiography) 479; Meteorology Service (1917–18) 95; military citation 91; military service 81–2, 84–95; military training 56–8; *Mind and Matter* 463; modesty 59, 346; mother, *see* Bauer-Schrödinger, Georgine; *My World View* 168–77, 475–9; *Nature and the Greeks* 440; 'Neglected duties' 115; Nobel prize 282–91; nonlinear optics

Cambridge University Press
978-1-107-56991-1 - Schrödinger: Life and Thought
Walter Moore

Index

[More information](#)

508 Name index

Schrödinger, Erwin (*cont.*)

382–5; Oxford University 295–8,
314–18; Philosophy 1, 111–14, 168–77,
216–17; *Physical Review* paper 230;
politics 273, 301, 334, 469–70; Pour le
Mérite 469; Princeton University 292;
Privatdozent 59–63; probability papers
435; Prussian Academy of Sciences
243–6, 265; quantum theory 97;
religious views 24, 348–6, 379, 401,
409, 438, 440, 465, 468, 477–9; research
notebooks 193–4; romantic 409; Royal
Society election 446; *Science and the
Human Temperament* 302; sculptor 416;
social life – Berlin 249, – Zürich 149–52,
165; *Space-Time Structure* 426, 449–50;
Spain 299; St Niklaus School 20;
Statistical Thermodynamics 415; Stuttgart
associate professor 133; surface tension
82; Switzerland lectures (1949) 428–9;
Synge painting 425; Tarnier Lectures
460, 463; teaching – Berlin 241–2, –
Oxford 295, – Zürich 148;
Theatertotizbuch 27–30; torchlight
procession, Zürich 236; trembling
electron 256; unified field theory
385–94, 416–17, 424–7, 429–35, 459;
university courses, Vienna 51–2;
Vienna 318, 331, 462–3; Vienna lecture
(1938) 334; Vienna University – student
(1906–10) 46–53; assistantship 81, –
(1936–38) 319, 331, 340, – (1956–61)
459, 461–3, 466–7, 471, – Emeritus
(1958) 472; War Diary 82–92;
Wertheimer-store incident 264–5;
widow's pension 433, 457; women,
thoughts on 3, 254, 407;
Zitterbewegung 256; Zürich University
148–68, – appointment, 140–4

Schrödinger, Rudolf 11, 12, 17, 63, 65,
81, 108, 114–16

Schulhof, Alfred 369

Schuschnigg, Kurt 321, 331, 333–5

Schwarzschild, Karl 106

Schweidler, Egon 37, 53, 54, 67, 101

Schweitzer, Albert 477

Semon, Richard 1, 46–7, 175

Servien, Pius 435

Seyss-Inquart, Arthur 334

Sherrington, Charles 402, 465

Siegbahn, Manne 282, 288–9, 328

Simon (Magus) 173

Simon, Franz 271, 279, 314, 341, 342, 399

Slater, John 161–2, 219

Smekal, Adolf 164, 219, 285, 333

Smolouchowski, Marian 53, 84, 98–9, 101,
129

Smyllie, Robert 378, 418

Solvay, Ernest 157

Sommerfeld, Arnold: atomic spectra 135,
138; Berlin chair 234, 236; Boltzmann
38; causality 164; Compton effect 216;
entropy calculation 179; Galvani
conference 328; mathematics 51;
Munich professor 138, 159, 210, 250,
269, 376; Nobel nomination 284;
Schrödinger &, – letters 165, 207, 448,
– view of 2, 132, 222; Zürich 220;
Zürich chair 141, – view of 2, 192

Sponder, Stephen 376

Spengler, Oswald 155

Spinoza, Baruch 1, 172, 374, 436, 463

Stark, Johannes 119, 167

Stefan, Josef 34, 38, 130

Stent, Gunther 403

Stern, Otto 179, 220, 284

Stetter, Georg 455–6

Straus, Ernst 427, 432

Sullivan, J. W. N. 252

Svedberg, The 285, 290

Symonds, Neville 445

Synge, John L. 425, 450, 479

Szilard, Leo 271

Tait, Peter 318

Tank, Franz 140

Terence 377

Tetrode, Hugo 178

Thibaut, Georges 171

Thirring, Hans: pacifism 80; relativity
theory 105; Schrödinger &, – first
meeting 46, – Graz position 320–1, 335,
– introduction of (1938) 334, – last
illness 482, – letter from on wave
mechanics 194, – Nobel nomination
284, – Vienna outings 331, – view of 4,
46, 59; ski accident 56; Vienna
University 131, 132, 134, 142, 164, 335,
339, 455–6, 457, 467, 475

Thirring, Walter 333, 445, 475

Thomson, George 285

Thomson, Joseph J. 273

Thrift, W. E. 366

Timofeef-Ressovsky, N. V. 394, 397

Tomaschek, Rudolf 167

Tonnelat, Marie 444

Trauttmansdorf, Max 472

Trotsky, Leon 80

Tschernavin, V. 314

Tumlirz, Ottokar 164

Tuve, Merle 403

Ullmann, Elisabeth 460, 467

Unamuno, Miguel 359

Ursinn, Karl 458

Van Vleck, John 231

Veblen, Oswald 293, 346

Verschaffelt, J. 347	Whitehead, John 346
Voltaire 401, 470	Whittaker, Edmund 318, 340, 352, 368, 428
Wagner-Jauregg, Julius 283	Wien, Max 130, 132
Walton, Ernest 380	Wien, Wilhelm (Willy) 132, 165, 167, 196, 210, 225, 226
Warburg, Emil 243	Wigner, Eugene 249, 308, 330, 428
Watson, James 280, 403	Wilder, Thornton 269
Webster, David 282	Willems, Jean 347
Wegscheider, Rudolf 63	Wilson, Charles 276, 282
Wehrli, Hans 141–2	Wirtinger, Wilhelm 45, 51
Weiss, Pierre 220	Wisdom, John 463
Weisskopf, Viktor 159, 249, 261, 471	Wittgenstein, Ludwig 5, 111, 128
Welles, Orson 3	Wolfke, Mieczyslaw 148
Welsbach, Anton 37	Wood, Robert 232
Werner, Louis 441	
Weyl, Hermann (Peter): Anny S. & 175, 275, 290, 323; background 149; causality 155–6; Christmas present (1933) 291; gauge factor 146–7; Göttingen departure 272, 277; Schrödinger equation, 191, 196, 204, 217; Schrödinger, letters to 374, 385, 423; <i>Space-Time-Matter</i> 145; unified field theory 386, 390, 417, 428; Zürich 155, 158, 191, 201	Yang, C. N. 147
Wheeler, John 260	Young, Thomas 122
White, Jack 377	Yourgrau, Wolfgang 196
	Zeeman, Paul 282, 322
	Zermelo, Ernest 152
	Zickler, Franziska 8
	Zimmer, Karl 394, 398
	Zola, Emile 325
	Zubiri, Xavier 299
	Zweig, Stefan 20, 23, 27, 224

Cambridge University Press
978-1-107-56991-1 - Schrödinger: Life and Thought
Walter Moore

Index

[More information](#)

Subject index

- Academic Assistance Council 268
affine connection (affinity) 391–2
affine geometry 391
affine theory 426, 430
affine transformation 123
Akademisches Gymnasium 20
Alpbach 450, 457–8, 462, 472–5, 480, 482
Altamira 300
angular momentum 307
Ann Arbor, Michigan 232
Annalen der Physik 120, 200
Anschluss 333–7
antisemitism 24, 44, 80, 263, 320, 404
aperiodic crystal 398, 404
Arosa 145–7, 194–7
atmospheric electricity 53, 67–70
atomism 38–9
Austria 329–2, 334–6; politics 320, 455
Austria–Hungary 5, 107
- Berlin 209, 222, 247–50, 260–3
Berlin Colloquium 242
Berlin University 233–7, 241–2, 271, 343
Bhagavad-Gita 114
black-body radiation 34, 118, 210, 453
Bohr–Kramers–Slater theory 161–3, 206
Born–Infeld electrodynamics 382–5, 393, 432
Bose–Einstein statistics 180–1, 380
Brahman 171–2, 401, 477
Breslau University 134
British Broadcasting Corporation (B.B.C.) 301, 448
British Society History and Philosophy of Science 450
Brixen (Bressanone) 273
Broglie equation 183–7
Brownian motion 83, 99
- California Institute of Technology 232, 289
Cambridge University Press 402, 415, 458
categorical imperative 252
causality 112, 155, 245–6, 299, 359–60, 378, 448–9
- 510
- chemical bond 398, 400, 403
Christoffel symbols 389, 391
chromosome 396
Clontarf 356, 369, 373, 377
coherence time 309
color theory 36, 41, 120–9
complementarity 228, 473
Compton effect 160
conductivity 157
configuration space 208, 239–41
Connemara 362
consciousness 174, 252–3, 409, 448, 463
conservation laws 152–4, 162, 393
Copenhagen interpretation 226, 228, 241, 250, 260, 303, 314, 451, 479
Copenhagen physics 163
correspondence principle 159, 161, 279
cosmic rays 68, 479
cosmological constant 390, 426, 434
cosmology 106–7, 349–50, 428, 449
curvature tensor 389
Czernowitz University 1, 109
- Dalmatia 247
degeneracy (gas) 179–81
determinism 317, 400, 418
dielectrics 61, 75
differential equations 196, 199, 204
differential geometry 123
diffusion equation 100–5, 258–9
dipole moment 61
Dirac equation 256
dispersion, anomalous 74
dispersion formula 218
Doppler effect 33, 160
dualism 251, 448, 476
Dublin 355, 358, 373; bombing 373, 375; slums 405
Dublin Colloquia 368, 375, 379–81
Dublin Institute for Advanced Studies 340, 342, 347, 353–5, 362, 365, 374, 378, 433
Dublin University Metaphysical Society 359
Dunquin 363–4, 407

Cambridge University Press
978-1-107-56991-1 - Schrödinger: Life and Thought
Walter Moore

Index

[More information](#)

Subject index 511

- ecphoria 174
Edinburgh University 318
Einstein–Podolsky–Rosen (EPR) paradox 302–6, 309–12
Einstein tensor 389
electron gas 60, 158, 180
electron: charge 83–4; trembling 256–8
energetics 38
energy 38, 255, 471
engram 48
entropy 177–823, 471; negative, 399
Ephemeridae 14
epistemology 42
Eranos Meeting 429
Erdberg 12, 34
ethics 252, 477–9
Euler–Lagrange equation 203, 393
evolution 25, 39
Exner circle 36, 53
expanding universe 349, 458
- factorization method
Farbenlehre, *see* color theory
Fermat principle 187
Fermi–Dirac statistics 180
ferroelectrics 62
fine-structure formula 138, 194
fluctuations 98, 100–5
Fokker–Planck equation 100–5
Franck–Hertz experiments 206
Francqui Foundation 347
Frankfurt University 267
Free Will 400, 448
Freiburg University 272
fundamental relation (Eddington) 327–9, 380
- Galvani Congress (1937) 328–9
Galway 362
gauge factor (Weyl) 146–8, 192
genetic code 396
genetics 48, 396–8
Gent University 347–51
German Physical Society 222, 339
Gnosticism 173, 362, 386
Godhead 348, 429
Gorizia 85–7
Göttingen University 263
gravitation 72–3, 387–90, 393
gravitational energy 106
Graz University 134, 322, 331, 336, 340
green pamphlet 394
Grünewald 237
Gymnasium courses 21–3
- Hamilton principle 187, 203, 392
Hamilton–Jacobi equation 202–7
Hamiltonian function 355
harmonic oscillator 208, 380
- Harvard University 232, 263, 451
Heitler–London forces 400
heredity 174, 394–8
Hermite functions 208
hidden variables 38, 304, 311
Hindu scriptures 112, 170–3, 476
- Identity Doctrine 478
Imperial Chemical Industries (I.C.I.) 268–9, 276, 279, 314, 316, 324
indeterminacy 154, 228, 252, 317
induction 312
inertial frame 387
Innsbruck 20, 314, 324
Innsbruck Meeting (1924) 163
Innsbruck University 164–6, 456
Institute of Radium Research 37
Ireland: ‘Emergency’ 358, 418; politics 405, 439–40
Irish Catholic Church 356, 405
Irish Labour Party 413, 446
Irish Press 373, 432
Irish Times 356, 358, 371, 372, 418, 433
irreversibility 100, 449
Italian Front (W.W.I) 1, 81–2, 84–95
- Jena University 130, 132, 222
Jesuits 324
Johns Hopkins University 232
- Kaiser-Wilhelm Gesellschaft 243, 262
Kakania 5
Kapitza Club 211
Karma 113–14
Killarney 382
Kincora Road 356
Klein–Gordon equation 196
Komaron 83
- La Panne 350
Lagrangian density 392
Lamarckism 47–8, 464
Leamington Spa 8, 19
least action 392
Lehrbuch der Physik 129
Leibach 85, 89
light 117–19; coherence 119–20
linear theories 381–2
logical positivism 45, 111, 437
Lorentz transformation 205
Lübeck Conference (1895) 38, 451
- Mach Principle 388
Madison, Wisconsin 220, 231
Magdalen College 271, 276, 280, 296, 336, 338
magnetism 62, 432
materialism 2
mathematics 51, 242; intuitionist 156

Cambridge University Press
978-1-107-56991-1 - Schrödinger: Life and Thought
Walter Moore

Index

[More information](#)

512 Subject index

- matrix mechanics 210–13, 361
- Maxwell equations 382, 424, 453
- Maya 171, 401
- Maynooth Seminary 358, 381, 402
- Merrion Square 356, 365–6, 431
- Meson 375, 393, 426
- metaphysics 169, 176, 386
- meteorology 52, 95
- metric tensor 389
- Michelson–Morley experiment 166–8
- mind–body problem 317, 448
- mneme* 48–9
- Mount Wilson 166, 232, 350
- Munich Colloquium 222
- music 17–19, 112, 131, 152
- mutations 394, 397
- Myles affair 377–9
- mystical experience 325–6, 438
- Naturphilosophie* 49
- Nazi Party 260–1, 263–7, 270, 276, 321, 333, 335, 341
- neutron interferometer 309
- New York Times* 432
- Nirvana 113
- Nobel prize 280–91, 479
- Noumenon 112, 411
- nuclear forces 393, 426
- ontology 42, 251
- optics, nonlinear 382–5
- Oxford University 267–8, 345–6
- painting 30–1, 152
- pantheism 112, 445, 478
- paradigm 2
- Pasadena 232
- Peierls equation 424
- penetrating orbits 138–9
- periodic table 160
- personality theory 4, 228
- perturbation theory 213–14
- phase fields 147
- phenomenalism 42, 45
- phenomenology 155
- photoelectric effect 119, 225
- photon 118–19, 380; mass 452, 459
- Physical Review* 230, 303, 306
- plague birds 333
- Planck radiation law 118, 227
- plastidules 47
- poems: *Parabel* 6, *Zürich* 151, *Planck* 236, *Liebeslied* 408, *Geborgen* 410, *Der Enttäuschte* 413, *On the shore* 419, *Zittern* 422, *Herbst* 44, *Juni* 447
- poetry 3, 225, 446
- Pontifical Academy 322, 330, 344, 482
- positivism 45, 247, 437
- positron 257
- Princeton University 280, 292–4
- probability 178, 226, 432, 435–6; propensity interpretation, 435
- Proca equations 417, 426, 453
- Prosecco 93
- Protestant Church 11
- Prussian Academy of Sciences 180–3, 243–6, 264–5
- quantum jumps 206, 222, 227–8, 360, 452
- quantum mechanics 1–2, 163–4, 210, 303–12; measurement problem, 59, 313–14; transactional interpretation, 259
- quantum theory 34, 97–8, 118, 135–8
- radiation, Bohr theory 135–8
- radioactivity 37, 68, 73, 100
- radium 37
- radium-A 68
- Raman effect 219, 285
- realism 38, 170, 251, 303, 309, 312, 478
- reality 225, 251, 303–4, 312
- Red Roses for Me* 404
- red shift 350
- relativity 40, 72, 105–6, 154, 299, 304, 325–6, 380, 387–90
- reversibility 258–60, 449
- Ricci tensor 390, 393
- Roly-Poly* 371
- romanticism 176
- rotor, rigid 208
- Royal Institution 247
- Royal Irish Academy 360, 362, 366, 390, 426, 430
- Royal Society (London) 446
- Rügen 156
- Rydberg–Ritz principle 210
- Santander Summer University (1934) 299–300
- Sarajevo 81
- School of Theoretical Physics (D.I.A.S.) 367–8, 416, 445, 450
- Schrödinger equation, *see* Name index
- Schweidler fluctuations 53, 100–5
- Seeham 67–70
- separation principle 304–5
- shock waves 192
- Sicily 247
- Sixtus Affair 94
- skiing 56, 249, 261, 324, 338, 456
- social class 7, 91
- socialism 132, 446, 470
- Solvay Conferences 157, 185, 238–41, 278–9, 302, 444
- space and time, 191, 326–7, 382, 387, 465, 478
- Spain 299–300

Cambridge University Press
978-1-107-56991-1 - Schrödinger: Life and Thought
Walter Moore

Index

[More information](#)

Subject index 513

- spectra, atomic 135, 201
spin 60, 197, 303
St Elmo's fire 82
St Stephan Cathedral 9, 12
Stark effect 209, 214
state distinction 308
stationary states 202
statistical mechanics 38, 177–83, 187–90
statistics 98–100, 177, 187, 415–16, 423
Stockholm 289–91
Sturm–Liouville equation 213
Sturmabteilung (SA) 160–1, 263–4
Stuttgart Technische Hochschule 133
superposition of states 309
- tantrism 156
Tat Twam Asi 172, 252, 475
theater: Berlin 248; Dublin, 370–3, 379, 420; Vienna 10, 27–30; Zürich 150
thermodynamics: First Law 154, 162–3, 177, 471; Second Law 99, 177, 264; Third Law 179, 400
Time magazine 395
time reversal 258–60, 449
Tirol 273–6, 450, 456, 472, 479
Trinity College Dublin (T.C.D.) 352–3, 359, 366, 376, 418
Türkenstrasse 34, 51
- Uetliberg 151–2
unified field theory 385–7, 390–3, 424–7, 429–35, 459; criticism 459; tests 416
University College Dublin (U.C.D.) 352, 360, 366
Upanishads 112–14, 438
- Vedanta 112, 171–2, 177, 191, 217, 252, 312, 349, 387, 401, 409, 429, 476–7
Ver Sacrum 31
vibrations 75–8
- Vienna, (1914) 52–4, 79–80; World War I, 107–10; (1937–8) 331–2; (1956–61) 462, 467
Vienna Academy of Sciences 37, 55, 59, 61, 121, 128, 470
Vienna Circle 45
Vienna Conference (1913) 70–4
Vienna Technical University 10
Vienna University 31, 331, 334, 340, 455, 457, 459, 461, 472; Physics, 33–7, 129–30, 455, 466–7, 475; Professorship 459
Villa Herwig 195
virtual oscillations 161
Vossische Zeitung 252, 262
- wave function: complex 216, 217, 220; interpretation 219, 225–6; multidimensional 208, 239–40, 310; phase factor 219, 220; probability interpretation (Born) 220, 225–6, 240; time-dependent 212, 217; two-valued 331
wave mechanics 2–3, 183, 191–228, 239–40; and matrix mechanics 210–12
wave packets 207–8, 215
wave–particle duality 183–7, 189–90, 472
Weimar Republic 260–3
What is Life? 47, 264, 394–404, 433
Wicklow 419
will 112
Wisconsin University 220, 230–1
women 3, 231, 254
- X-ray diffraction 73–4, 133
- Zitterbewegung 256–8
Zürich 145, 148–52; colloquium 191–2; superstitions 221
Zürich University 139–44, 148