

## Index

---

- 1929 crash. *See* NYSE seat prices; stock market crashes
- a là Cloakroom banking, 11–12
- Aalmoezeniers*, 78
- Aalmoezeniersweeshuis*, 78
- Abbey National, demutualization, 9
- Accarias de Sérionne, Jacques, 65
- accounting standards, 460–1
- agio (exchange rate between bank and current money), 60, 61, 63, 64–6
- agio (rate adjustment to reflect coin weight), 59
- Alexanders (discount house), 247
- Amsterdam
- archetype of cheap money and sheer wealth, 163
  - churches, 82–6
  - guilds, 86–90
  - institutional investors, 72–3, 93–5
  - interest rates, 174–5
  - public welfare institutions, 78–82, *See also Burgerweeshuis* (Amsterdam's public orphanage)
- Amsterdamsche Wisselbank* (Amsterdam Exchange Bank)
- 1641 crisis, 58
  - as first central bank, 12, 65–8
  - creation of, 11–12, 33, 38, 46–7
  - deposits as tradable commodities, 59–60
  - growth in account numbers, 51–4, 62
  - introduction of inconvertible money, 66
  - open market operations, 67
  - success and impact of, 33–4
  - turnover, 65
- Anglo-American securities regulation* (Banner), 126–30
- arbitrated rates, 183
- Argentina
- 19th century financial development, 243
  - British chartered bank operations, 251
  - British incorporation of railroads and banks, 249–50
  - British investment dependence, 254–5
  - gold standard adoption, 250
  - nineteenth century banking systems, 20
  - securities market, 257
- Armenkantoor*, 83
- August Belmont & Co, 256
- Australia
- 1890s agricultural crisis, 254
  - bank branches, 249
  - branch banking, 250–1
  - British bank operations, 251
  - dependence on British capital, 253–4
  - gold standard adoption, 250
  - nineteenth century banking systems, 20
- Austria
- adoption of inter-war gold standard, 392
  - economic development following reconstruction, 402–4
  - financial reconstruction, 397–9
  - inter-war bank rate analysis, 405–10
  - inter-war bank rate policy, 393, 411, 412
  - inter-war central bank, 388–9
  - inter-war circumstances, 395–6
- Baltimore Stock Exchange, 312
- banco shillengen*, 11–12
- bank money, 60
- Bank of Amsterdam. *See Amsterdamsche Wisselbank* (Amsterdam Exchange Bank)
- Bank of England
- establishment of branches, 19, 245
  - inter-war rate policies, 394
  - reaction to 1906 San Francisco earthquake, 453–4, *See also* UK, central banking, 1789–1795
- Bank of Upper Canada, 253
- bank runs, Northern Rock, 1
- Banks of the United States (BUS). *See* US, central banking

Cambridge University Press

978-0-521-89517-0 - The Origin and Development of Financial Markets and Institutions:  
From the Seventeenth Century to the Present

Jeremy Atack and Larry Neal

Index

[More information](#)

466 Index

- Banner, S., *Anglo-American securities regulation*, 126–30
- Banque Royale*, 14–15
- Baring Brothers & Co., 1890s bailout, 8
- Baring, Sir Francis, 221
- bell jar metaphor, 161–2, 177–9, 198–200
- Bentinck, Henry. *See* Portland, Henry
- Bentinck, 1st Duke of (1682–1726)
- Bernanke, Ben, 319–20, 452
- Betts, John F., 309
- Beurs voor Catalijke Armen*, 83
- Biddle, Nicholas, 19–20
- big bang, 2
- Binder, John, 265, 266
- Binnengasthuis*, 80–1
- Bixby, William H., 309
- BNP Paribas, 8
- Bodenhorn, Howard, 287
- bond markets
- Holland, 82, *See also* London Stock Exchange, reaction to 1825 Latin American bonds failures; Venetian state, issuing bonds
- Bordo, Michael, 26
- Boston Stock Exchange, 312
- bourse*, prehistory of, 110
- Brandeis, Justice, 2
- Braudel, Fernand, 161
- broker optimism
- around 1929, 317
  - measured by NYSE seat prices, 299–307
  - measured by regional exchanges' seat prices, 309–17
  - predictive power, 305–7
- Brown, David, 265, 266
- Browne, John, 147
- Brunt, Liam, 209
- Bubble Act (June 1720), 122, 152–3, 226–7, 228, 234, 248
- Buchet du Pavillon, 165–6
- Burgerweeshuis* (Amsterdam's public orphanage), 73–8
- BUS (Banks of the United States). *See* US, central banking
- bussen*, 86
- Canada
- 19th century financial development, 243
  - bank network, 249
  - branch banking, 250–1
  - British chartered bank operations, 251
  - foreign capital dependence, 252–3
  - securities market, 257
- Canadian Pacific Railway, 252–3
- Cantillon, Richard, 15, 16–17, 152
- capital accumulation, and economic development, 262
- capital markets, banks dependence upon, 2
- capital tontines, 91
- Casa di San Giorgio, 11–12
- cashiers (*kassiers*), 35, 38–9, 47
- Caswall, Sir George, 15–16, 137, 141, 143–6, 148
- central bank independence, and gold standard commitment, 389–90
- central bank transparency, ineffectiveness of, 5–6
- central banks
- inter-war rates analysis, 405–10
  - UK., *See* UK, central banking
  - US, *See* US, central banking
  - Wisselbank* as first, 12, 65–8, *See also* interwar gold exchange standard
- Chesshyre, Sir John, 139–40, 156
- Chicago Stock Exchange, 312–13, 316, 317
- Child, Josiah, 164
- churches
- Amsterdam, 82–6, *See also* Dutch Reformed Church
- Churchill, Winston, 25
- Citicorp, attempts to deal with sub-prime mortgage crisis, 8
- Clark & Dodge, 256
- co-insurance of bank deposits, ineffectiveness of, 5–6
- collective action clauses, 453
- colonial socialism, 253–4
- commercial banks, UK, 244, 246
- Compagnie d'Occident*, 14, 103
- Compagnie des Indes* ([French] Indies Company), 15, 100, *See also* Law's system, the Company
- Condillac, Abbé de, *Le commerce et le gouvernement*, 168, 170
- confidence argument, 166
- Constitutions and Commitment* (North and Weingast, 1989), 121
- Continental Illinois, 6
- Cooke, Jay, 5, 256
- country banks, 221, 245
- Course of the Exchange*, 184–5
- credit risk defrayal, by intermediaries and markets, 3
- Crisp, Pheasant, 141
- Cuba
- 1903 trade treaty with US, 348
  - sugar crop restriction, 362, *See also* US, sugar investments, Cuban

Cambridge University Press

978-0-521-89517-0 - The Origin and Development of Financial Markets and Institutions:  
From the Seventeenth Century to the Present

Jeremy Atack and Larry Neal

Index

[More information](#)

- Cuban Sugar Stabilization Institute, 358  
currency pegs, 452–3  
Czechoslovakia  
  adoption of inter-war gold standard, 392  
  economic development following  
    reconstruction, 402, 404  
  inter-war bank rate analysis, 405–10  
  inter-war bank rate policy, 412  
  inter-war central bank, 388–9  
  inter-war circumstances, 395–7  
  inter-war currency stabilization, 25
- Dalrymple, Sir David, *Time Bargains*, 126–8  
Darling, Alistair, 1  
Davis, Lance, 180, 262–3, *See also* DSJ  
  (Davis-Sylla-James) hypothesis;  
  *Evolving Capital Markets and  
  International Capital Flows, Britain, the  
  Americas, and Australia, 1865–1914*  
  (Davis and Gallman)  
de Gols, Comrade, 133  
de la Court, Pierre, 174  
de Soto, Hernando, 161  
Dempsey, John, 308  
Development of Financial Institutions and  
  Markets (Conference, 2006), xxi  
*diakonie*, 85  
Dickey-Fuller test, 289–90  
Dolan, George, 308  
Donelon, George C., 308–9  
Drexel & Co, 256  
DSJ (Davis-Sylla-James) hypothesis,  
  case for, 287–8  
  definition, 262–3  
  use of interest rate differentials, 264–7,  
    *See also* national banks' regional  
    profit rates  
*ducaton*, 64  
*ducatoons*, 48, 58  
*dukaat*, 63–4  
Dutch Reformed Church, 85–6  
Dutch Republic,  
  banking innovations, 11–13  
  incremental debasement problem, 32,  
    35–41  
  mints, 39–40, 51, 55  
  regulatory apparatus, 47–65  
  silver content of coins, 37–8, *See also*  
    *Amsterdamsche Wisselbank*  
    (Amsterdam Exchange Bank)
- Eagly, R.V., 175  
Edwin brothers (John and Charles), 137,  
  139–41, 146
- Eure, Edward, 136–7  
*Evolving Capital Markets and International  
  Capital Flows, Britain, the Americas,  
  and Australia, 1865–1914* (Davis and  
  Gallman), 241–3, 244, 248–9, 250,  
  255, 257, 455–6  
exchange banks, 46  
exchange rate risks, intermediaries and  
  markets, 3–4  
Eyles, M. Joseph, 133  
Eyles, Sir John, 133
- fiat currency, first full-scale attempt at,  
  100, 107–8  
financial crises, lessons from history,  
  452–4  
financial depth, and economic growth, 4–5  
financial innovations  
  and government intervention, 458–61  
  reactions to, 5  
financial intermediaries, services to the  
  economy, 2–4  
financial markets, functioning of, 2–6,  
  9–10  
Financial Revolution in England, South  
  Sea Bubble, 121  
financial risk, regional profit rates of  
  national banks and, 279–86  
First Bank of the United States, 19  
Flandreau, Marc, 17–18, 181  
florins (Dutch Republic unit of account),  
  35  
Fordney–McCumber tariff, 24, 360,  
  374–5  
foreign capital, reliance on, 257  
forward contracts,  
  lessons from South Sea Bubble, 153  
  potential to be viewed as usury, 127–8  
France  
  interest rates, 176  
  stock markets, 432, 444  
French Revolution, interest rates, 191
- Gallman, Robert, *Evolving Capital Markets  
  and International Capital Flows, Britain,  
  the Americas, and Australia (1865–  
  1914)*, 241–3, 244, 248–9, 250, 255,  
  257, 455–6  
Germany, early impacts of sub-prime  
  lending crises, 8  
Gimbel, Lee-Adam, 307–8  
Glass-Steagall Act, 436  
global securities market, 456–8  
globalization, threats to, 450–2  
Glorious Revolution, 15

Cambridge University Press

978-0-521-89517-0 - The Origin and Development of Financial Markets and Institutions:  
From the Seventeenth Century to the Present

Jeremy Atack and Larry Neal

Index

[More information](#)

468 Index

- gold inflation, 453  
gold standard  
  abandonment of, 453  
  adoption of, 250  
  central bank independence and, 389–90,  
    *See also* interwar gold exchange  
    standard  
Gold Standard Act (1900), 270–1, 288  
Goldman, Sachs & Co, 256  
Gols, Comrade de, 133  
Grabski, Wladyslaw, 401  
great moneyed companies, 123  
guilds, Amsterdam., *See* Amsterdam,  
  guilds
- Hale, David, 450–1  
Hamilton, Alexander, 10, 17–19, 212,  
  213, 258  
Hanoverian Succession (1715), 121–2  
Harris, Ron, 215  
Hatton, Edward, 163  
*hawala* currency exchanges, 458  
Hawkins, George F., 308  
Hawley–Smoot tariff act, 363, 375, 379,  
  380–1  
Herbert, Lady Mary, 16–17, 152  
history, lessons from, 461–2  
Homer, Sidney, 174  
Hoover, Herbert, 360, 363, 379  
hospitals, Amsterdam, 81  
Hughes, Jonathan, 180  
*huiszittermeesters*, 78  
Hungary  
  adoption of inter-war gold standard,  
    392  
  economic development following  
    reconstruction, 402, 404  
  financial aid, 397–8, 399–401  
  inter-war bank rate analysis, 405–10  
  inter-war bank rate policy, 411–12  
  inter-war central bank, 388–9  
  inter-war circumstances, 395
- IKB Deutsche Industriebank, 8  
imperialism, 345  
incremental debasement  
  Dutch Republic problem of, 32, 35–41  
  minting and melting, 41–4  
  systemic adjustments, 44–6  
Indies Company (French). *See* *Compagnie  
  des Indes* ([French] Indies Company)  
institutional investors  
  history in Europe, 71–2  
  importance of, 71  
  in Amsterdam, 72–3, 93–5  
  link to financial development, 72,  
    *See also* *Burgerweeshuis*  
    (Amsterdam's public orphanage)  
  interest rate differentials, and industrial  
    dynamics of banking, 264–7  
  interest rate risks, intermediaries and  
    markets, 3–4  
interest rates  
  Amsterdam, 174–5  
  contemporary records, problems with,  
    168–9  
  eighteenth century, 17–18  
  evidence from secondary sources, 200  
  France, 176  
  French Revolution, 191  
  London, 175  
  merchant banks rates,  
    as preferred historical benchmark,  
      170–2  
    data collection problems, 173–4  
  prosperity and, 163–5  
  quality of government institutions and,  
    165–7  
  relation to exchange rates, 179–81,  
    *See also* marginal interest rates;  
    shadow interest rates  
interest tontines, 90–1  
interwar gold exchange standard  
  central bank policies, 392–5, 412–13  
  central bank rates analysis, 405–10  
  central bank rates model, 410–12  
  history, 391–2  
  overview, 25–6, 388
- Ireland  
  banks, 221–2, *See also* UK
- J. P. Morgan & Co, 256  
J.& R. Seligman, 256  
Jackson, Andrew, 18–19, 19–20, 235–6,  
  237, 251–2  
Jamaica, official sojourns to escape  
  creditors, 147–8  
James, John, 20–1, 262–3, *See also* DSJ  
  (Davis-Sylla-James) hypothesis  
Japan, overbanking, 455–6  
Jean Deutz & Soon, 92  
Jennys, Harold W., 309  
joint stock companies, as legal entities, 19  
joint-stock banks, UK, 244, 245–6  
Joint-Stock Companies Registration Act  
  (1844), 235
- kassiers* (cashiers), 35, 38–9, 47  
Kelly, Thomas F., 308  
Kidder, Peabody, & Co, 256

Cambridge University Press

978-0-521-89517-0 - The Origin and Development of Financial Markets and Institutions:  
From the Seventeenth Century to the Present

Jeremy Atack and Larry Neal

Index

[More information](#)

- King, Mervyn, 1  
 King, W. T. C., 244–5  
*Koers de Koopmanschappen*, 184, 185  
 Kuhn, Loeb, Speyer and Co, 256
- land, decline of returns, 197–8  
 Landesbank Baden-Württemberg (LBBW), 8  
 Law, John, 13–14, 106, 114, 166, 167  
 Law's system  
   analysis of, 108–10  
   market management/manipulation, 110–14  
   overvaluation, 114–19  
   overview, 14–15, 99–100, 119  
   the Bank, 101–3  
   the bubble, 108–9  
   the Company, 103–5  
   the System, 106–8  
 LBBW (Landesbank Baden-Württemberg), 8  
 Lee, Higginson & Co, 256  
 Leeds, Laurence C., 308  
 Leeds, Robert L., 308  
*Leeuwendaalder* (Lioncrowns), 42–3, 48, 49–51, 54  
 Lehman Brothers, 256  
 Lewis, Montgomery H., 379  
 limited liability, of banks, 222–4  
 Lioncrowns (*Leeuwendaalder*), 42–3, 48, 49–51, 54  
 liquidity, provision by intermediaries and markets, 3  
 London  
   discount market/houses, 245, 246–7  
   interest rates, 175  
   private banks, 221, 244, 245  
 London Stock Exchange  
   1907 regulations change, 454  
   exclusion of merchant banks, 251  
   par value of equity in 1825, 217  
   reaction to 1825 Latin American bonds failures, 247–8  
 Long Term Capital Management, 1997  
   attempted bailout, 8  
 Los Angeles Stock Exchange, 312  
 Lowell, James Russell, 308  
 Lucas, John, 138  
 Lutheran church, 82
- Maagdenhuis*, 83, 84  
 MacDonald, John, 252  
 Machado, Gerardo, 362  
 Malynes, Gerard de, 171–2  
 Mansfield, Justice, 149  
 marginal interest rates, 178–9  
 Marshall Plan, 436–7  
 Marshall, Chief Justice John, 19  
 Massie, Joseph, 166, 170  
 matching lenders and borrowers, by intermediaries and markets, 3  
 maturity mediation, by intermediaries and markets, 3–4  
 McDermott, David H., 309  
 melting point, 41  
 Meres, Sir John, 141–3  
 Milken, Michael, 5  
 mint equivalent. *See* melting point  
 mint ordinances  
   1619, 49–54  
   1622, 54–6  
   1638 toleration, 56–8  
   1645, 59–60  
   1646–1658, 60–3  
   1659, 63–5  
   definitions, 32–3  
 mint price. *See* minting point  
 minting point, 41  
 minting, and melting, 41–4  
 Mirabeau, Comte de, 166  
 Mishkin, Frederic S., 214  
 Mississippi Bubble. *See* Law's system  
 Mitchell, Charles, 378  
 modern financial systems, institutional components, 212–14  
 moneychangers, 38  
 Morgan, J. P., 294  
 Morgan, Junius S., Jr, 294  
 Morrisey, Justin A., 309  
 Murphy, Antoin, 16–17  
 mutual funds, 92–3  
 mystery of capital. *See* bell jar metaphor
- national banks' regional profit rates, 1870–1914, 263, 267–70  
 capital allocation relevance, 263  
 financial risk and, 279–86  
 regression analysis of differentials, 270–9  
 testing for trends in, 288–91  
 National City Bank, 24, 351–3, 361–2, 377, 378–9, 380–1, *See also* Mitchell, Charles; Rentschler, Gordon  
 National Discount House, 247  
 Neal, Larry, xxi, 95, 99  
*Nederduits hervormde gemeente*, 83  
*Negotiator's magazine*, 172  
*negotiepenningen* (trade coin), 46  
 New Deal Agricultural Adjustment Act, 358

Cambridge University Press

978-0-521-89517-0 - The Origin and Development of Financial Markets and Institutions:  
From the Seventeenth Century to the Present

Jeremy Atack and Larry Neal

Index

[More information](#)

470 Index

## New England

banking market, 271  
national banks profit rates, 267–70

New York Curb Exchange, 310–12

*Nieuwezijds Huiszittenmeesters*, 78, 79–80

Noel, Elizabeth (d.1736), 131, 133, 145

non-traditional open market operations,

319, 342–3, *See also* Silver Purchase

Program (1934)

normalized bias statistic, 289

## Northern Rock

2007 run on, 1

as reflecting recent global financial  
system changes, 9–10

dependence on capital markets, 2

ineffectiveness of central bank

transparency, 5–6

participation in sub-prime market, 9

## NYSE seat prices,

and market crashes, 21–2, 294–6

bubbles and, 296–9

reflecting broker optimism, 299–307

NYSE seats, 1929 purchasers, 307–9

open market operations. *See Amsterdamsche**Wisselbank* (Amsterdam Exchange

Bank), open market operations;

non-traditional open market

operations

## options

John Law, 105, 111, *See also* South Sea

Bubble, circumstances of trade in

SSC liabilities

*Oude-Armenkantoor*, 83–4*Oudezijds Huiszittenmeesters*, 78

overbanking, 255, 455–6

Overend, Gurney crisis (1872), 246

paper money. *See Amsterdamsche**Wisselbank* (Amsterdam Exchange

Bank), introduction of inconvertible

money

*patagons*, 48, 49, 54, 63

1638 toleration, 56–8

value, 61, 63

Patriot Act (US, 2001), 451

penalties for debasement, Dutch Republic

mints, 51

pension funds. *See* capital tontines

Philadelphia Stock Exchange, 312, 313,

315, 316–17

Phillips–Perron procedure, 290

Pino–Santos, Oscar, 349–50, 351, 353

PL class manuscripts, 131–2

Contracts included, 135

PL F2/6/200, 156

PL F2/6/220, 158

Platt Amendment, 24, 345–6, 347–8

## Poland

adoption of inter-war gold standard, 392

economic development following

reconstruction, 402, 404–5

inter-war bank rate analysis, 405–10

inter-war bank rate policy, 412

inter-war central bank, 388–9

inter-war circumstances, 395–6

monetary stabilization, 401–2

poor houses, Amsterdam, 78

Portland manuscripts, 131–3

Portland, Henry Bentinck, 1st Duke of

(1682–1726)

actions during South Sea Bubble, 132–8

defenses adopted, 138–50

against Edwin brothers, 139–41

against Sir George Caswall, 143–6,

148–50

against Sir John Meres, 141–3

financial survival of house of, 151

overview, 15–16, 151–2

personal history, 131, 146

Postal Savings Banks, UK, 244

Pressman, William C., 308

private banks. *See* London, private banks

private financial contracts in 1720, 130–1,

152–3

Pryibil, Paul, 308

Purdy, Strother B., 308

Pw class manuscripts, 132

Reconstruction Finance Corporation, 6

Redenius, Scott, 265

Rentschler, Gordon, 351, 376

Rialto bank (Venice), 11–12

*riens per descent*, plea of, 146, 149*rijder*, 63–4

risk free rate, 170

Rivière, Chantal, 181

rixdollar (*Rijksdaalder*), 48, 49

1641 shortage, 58

bank rixdollar, 64, *See also* *dukaat*importance to *Wisselbank*, 54

minting and melting points, 41–4

production levels, 54–5, 60–1, 62

value, 54

Robinson, Joan, 4

Rockefeller, John D., 294

Rockoff, Hugh, 267, 287

Roosevelt Corollary, 345

Roosevelt, Franklin D. (FDR). *See* Silver

Purchase Program (1934)

- Root, Elihou, 24  
 Royal Bank of Canada, holding Cuban  
   sugar estates, 351, 353  
 Ryder, Sir Dudley, 147
- SachsenLB, 8  
 San Francisco Stock Exchange, 312  
 Sarbanes–Oxley Act, 459–60  
 Savings and Loan crisis (US, 1980), 6, 7–8  
 Sawbridge, Jacob, 144  
 Scotland  
   banks, 221, 224, *See also* UK  
 Second Bank of the United States, 19–20  
 secondary securities markets, legal system's  
   attitude toward, 122  
 securities markets  
   Argentina, 257  
   Canada, 257  
   global, 456–8  
   secondary, legal system's attitude  
     toward, 122  
   UK, 224–6, 233, 255–6, *See also* London  
     Stock Exchange  
   US, 19, 213–14, 224–6, 233, 256–7  
 seigniorage  
   correlation with amount of debasement,  
     43–4, 51  
   definitions, 35  
 shadow interest rates  
   Amsterdam/London/Paris,  
     bilateral connections, 193–5  
     credibility of results, 187–90  
     cyclical patterns, 191–3  
     long-run behavior, 190–1  
   calculation of, 179–81  
   comparison with British Consols, 195–7  
   comparison with price of land, 197–8  
   data sources, 184–5  
   definitions, 176–9  
   formulae, 185–6  
   local rates and, 201  
 Shea, Gary, 15  
 Sherman Act (July 1890), 321  
 sight, difference from spot, 185–6  
 Silver Purchase Act (June 1934), 321  
 Silver Purchase Program (1934)  
   empirical analysis, 325–42  
   impact on economy, 324, 342–3  
   impact on money supply, 321–2  
   interaction with gold price, 322–3  
   interest in, 320  
   legislation, 321  
   literature on, 323–4  
   overview, 22–3  
   political context, 320–1
- Slee, James L., 308  
 Smiley, Gene, 264–5  
 Smith, Adam, 32, 37, 66, 167  
 Smith, V. K., 175  
 Smoot, Reed, 360, 362, 363, 379  
 Smoot–Hawley tariff, 24  
*soumissions*, 105  
 South Sea Bubble  
   circumstances of trade in SSC liabilities,  
     130–1  
   legal consequences of, 15–16  
   potential legal conflicts arising, 125–30  
   significance of, 121–3, 150  
   South Sea Scheme, 123–4  
 Southern Netherlands, and Dutch  
   Republic coin debasement, 40, 48  
 sovereign ceiling, 198  
 spot, difference from sight, 185–6  
 St. Peter's Hospital (Amsterdam), 81  
 stock market booms  
   data sources, 445–7  
   definitions, 419–26  
   literature, 417–18  
   macroeconomic environment, 417,  
     426–9  
   monetary policy, 26–7  
     1970s–1990s, 439–43  
     early post-World War II, 435–9  
     interwar, 430–5  
   overview, 443–5  
   value of studying, 416–17  
 stock market crashes  
   1825 London, 245, 248  
   1987, broker optimism, 295, 303  
   broker optimism, 294–6  
   NYSE seat prices, 21–2, 294–6  
 sub-prime lending crisis, 6–9  
 Sullivan, Richard, 20–1  
 Surman, Robert, 134  
 Sutton, Frederick T., 309  
 SWIFT payments, monitoring of, 458–9  
 Sword Blade Bank, 136, 144  
 Sylla, Richard, 18–19, 20–1, 71, 174,  
   262–3, *See also* DSJ (Davis-Sylla-  
   James) hypothesis
- tale value, 41  
 Temple, W., 166  
 Thomas, Elmer, 321  
 Thomson vs. Harcourt, 128–9  
 Thornton, Henry, 221  
*Time Bargains* (Dalrymple), 126–8  
 Tobin tax, 459  
 Tocqueville, Alexis de, 237–8  
 Tonti, Lorenzo, 90

Cambridge University Press

978-0-521-89517-0 - The Origin and Development of Financial Markets and Institutions:  
From the Seventeenth Century to the Present

Jeremy Atack and Larry Neal

Index

[More information](#)

## 472 Index

- tontines, 90–2  
 trade coin (*negotiepenningen*), 46  
 transfer risks, 167  
 Turner, Elias, 144
- UK  
 19th century financial development,  
 234–5, 242–3, 244–8, 258–9  
 banking system, 221–4, 231–3  
 branch banking, 250  
 central banking, 245  
 1789–1795, 219–21, 231  
 corporations, 226–8, 233–4  
 money stock, 218, 230–1  
 public finance and debt management,  
 215–17, 230  
 securities markets, 224–6, 233, 255–6,  
*See also* London Stock Exchange  
 stock markets, 432, 433, 436, 444  
 Union Discount Company, 247  
 unit trusts, 92, 93  
 University of Nottingham. *See* Portland  
 manuscripts
- US  
 1789–1795 financial revolution, 212  
 19th century financial development  
 compared to UK, 234, 243  
 Jacksonian, 235–8  
 overview, 263–4  
 banking system, 213, 221–4, 231–3  
 branch banking, 251  
 central banking  
 1789–1795 financial revolution, 213,  
 219–21, 231  
 nineteenth century, 18–20  
 commercial banks, 249  
 complementarity between banks and  
 capital markets, 20–1  
 corporations, 214, 226–8, 233–4  
 economy, comparison with UK,  
 210–12  
 equity market, size, 217  
 exclusion of British commercial banks,  
 251  
 financial leadership, 229–34  
 gold standard adoption, 250  
 imperialism toward Cuba, 345–7  
 merchant banks, 249  
 money stock, 213, 218, 230–1  
 public finance and debt management,  
 213, 215–17, 230  
 securities markets, 19, 213–14, 224–6,  
 233, 256–7  
 state by state banking systems, 251–2  
 stock markets, 430–1, 432–3, 435,  
 439–43, 444  
 sugar investments, Cuban  
 asset quality, 376–9  
 data, 381–3  
 equity indices, 356–9  
 excess capacity crisis, 361–3  
 history, 347–53  
 overview, 23–4, 380–1  
 risk analysis, 363–76  
 sugar market, 354–6  
 sugar tariffs, 359–61  
 taxation, 215–16  
 US/UK financial systems comparison,  
 overview, 209–10
- usury  
 Dalrymple's view on forward contracts  
 and, 127–8  
 Duke of Portland's consideration of  
 using laws of, 16, 139  
 usury regulations  
 avoidance using foreign exchange bills,  
 171–3  
 bank records and, 168–9  
 Utrecht mint, 51  
 Utrecht, Treaty of (1712–1713), 121
- Velde, François, 14–15  
 Venetian state, issuing bonds, 12  
 VOC (Dutch East India Company), 13
- Walloon Church, 82  
 Walpole, Robert, 125  
 Wandschneider, Kirsten, 25  
 Warren, George, 320  
 Weidenmier, Marc, 452  
 Wheelock, David, 26  
 White, Eugene, 22  
*Wisselbank. See* *Amsterdamsche Wisselbank*  
 (Amsterdam Exchange Bank)
- Yeager, Frederic L., 308