

Index of symbols

- \prec_c (central extension), 103
- \parallel (incomparable), 13
- $\alpha(G)$ (stability number), 137
- $B(\mathcal{I})$ (order of extreme corners), 128
- $B(P)$, 126
- \bar{B} (Berlin graph), 39
- $c(v)$ (center point), 86
- C_k (chordless cycle on k vertices), 9
- $\chi(G)$ (chromatic number), 40, 136
- $d(p, q)$ (distance in tree), 169
- d_v (degree of the vertex v), 10
- D_v (left diagonal), 92
- D'_v (right diagonal), 92
- $D^\dagger(P)$, 233
- $\text{diam}(T)$ (diameter), 169
- $\text{dim}(B(P))$, 124
- $\text{dim}(P)$ (dimension), 14
- $E(G)$ (the edge set of a graph G), 1
- E^* (edge set of enhanced graph), 74
- E^+ (completion edges), 75
- E_f (forbidden edges), 77
- E_0 (optional edges), 77
- $\text{Fdim}(\bar{G})$ (Ferrers dimension), 222
- $\text{Fdim} \leq 2$ (Ferrers dimension ≤ 2), 222
- $G(V, E)$ (a graph G with vertex set V and edge set E), 1
- $G^* = (P \cup N, E^*)$ (enhanced graph), 74
- \bar{G} (complement of graph G), 8
- \bar{G}^r (reversal of \bar{G}), 219
- G_X (subgraph of G induced by $X \subseteq V(G)$), 5
- $gr(G, \prec)$ (Grundy number), 42
- I^* (normalization of I), 129
- $I_x \ll I_y$ (relation between intervals), 12
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- $I_N(A)$ (non-covering intervals), 120
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- (\mathcal{I}, f) (point-core bitolerance representation), 87
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- (\mathcal{I}, t) (tolerance representation), 5
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- ℓ_x (extreme lower corner), 127
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- $\mathcal{L}(x)$ (predecessor set), 126
- $\mathcal{N}(v)$ (open neighborhood), 7
- $\mathcal{N}[v]$ (closed neighborhood), 10
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- $q(v)$ (right tolerant point), 85
- $R(v)$ (right endpoint), 30
- \mathbf{R}^+ (positive real numbers), 5
- $R_i \ll R_j$ (relation between ribbons, trapezoids, parallelograms), 18
- S_k (k -sun), 22
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- T_2 , 33

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| T_3 , 56 | u_x (extreme upper corner), 127 |
| TT (tolerance threshold), 187 | $\mathcal{U}(x)$ (predecessors of all successors), 126 |
| $t_l(v)$ (left tolerance), 85 | $V(G)$ (the vertex set of a graph G), 1 |
| $t_r(v)$ (right tolerance), 85 | $x \rightarrow y$ (single arc from x to y), 219 |
| t_v (tolerance), 5 | $x \rightleftharpoons y$ (double arc between x and y), 219 |

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