

Symbol Index

- A_i , 395
 ACT_e , 164
 ACT_i , 163
 $\text{alg}_i(r, m)$, 395
 B_i^s , 215
 C_G , 23
 C_G^\diamond , 446
 C_G^ε , 445
 C_G^T , 452
 \mathcal{C}_i , 341, 369
 C_N , 217
 C_S , 216
 \mathcal{C}_n , 305
 $\mathcal{C}_n^{\text{amp}}$, 311
 $\mathcal{C}_n^{\text{pr}}$, 307
 $\mathcal{C}_n^{\text{synch}}$, 307
 $\text{data}_i(r, m)$, 395
 D_G , 23
 D_N , 217
 D_S , 217
 $\text{ev}_{\mathcal{I}}(\varphi)$, 422
 $\text{ev}_M(\varphi)$, 41
 $e \xrightarrow{\mathcal{L}} e'$, 143
 E_G , 23
 E_G^\diamond , 446
 E_G^ε , 444
 E_G^T , 452
 E_S , 216
 $\text{ex}_m(k)$, 310
 Fair , 169, 175
 false , 17
 \mathcal{G} , 113
 \mathcal{G}_0 , 168
 $\text{gfp}(f)$, 436
 γ , 170
 $\gamma_{\text{fair}}^{\text{bt}}$, 175
 $\gamma' \sqsubseteq \gamma$, 174
 \mathcal{I} , 117
 \mathcal{I}^{cr} , 225
 \mathcal{I}^{kb} , 125
 $\mathcal{I}_n^{\text{oa}}(\Phi)$, 275
 $\mathbf{I}^{\text{rep}}(P, \gamma, \pi)$, 173
 $\mathbf{I}^{\text{rep}}(\text{Pg}, \gamma, \pi)$, 182, 268
 $\mathbf{IS}_i(\ell, \mathcal{R})$, 201

- $\mathbf{IS}_i(\ell, \mathcal{I})$, 201
 K_n , 53
 K_n^C , 70
 K_n^D , 73
 K_n^{\leftrightarrow} , 352
 $KD45_n$, 59
 $KD45_n^C$, 70
 $KD45_n^D$, 73
 $K45$, 60
 K_i , 17
 K_i^T , 452
 $lfp(f)$, 436
 Λ , 164
 L_e , 113
 L_i , 113
 \mathcal{L}_n , 51
 $\mathcal{L}_n(\Phi)$, 51
 $\mathcal{L}_n^A(\Phi)$, 363
 $\mathcal{L}_n^C(\Phi)$, 51
 $\mathcal{L}_n^{CD}(\Phi)$, 51
 $\mathcal{L}_n^{CU}(\Phi)$, 304
 $\mathcal{L}_n^{Cv}(\Phi)$, 437
 $\mathcal{L}_n^D(\Phi)$, 51
 $\mathcal{L}_n^{DU}(\Phi)$, 331
 $\mathcal{L}_n^U(\Phi)$, 304
 $\mathcal{L}_n^{\leftrightarrow}(\Phi)$, 351
 $M_{\mathcal{I}}$, 117
 $(M, s) \equiv (M', s')$, 62
 \mathcal{M}_n , 51
 $\mathcal{M}_n(\Phi)$, 51
 \mathcal{M}_n^{elt} , 60
 \mathcal{M}_n^r , 60
 \mathcal{M}_n^{rst} , 60
 \mathcal{M}_n^{rt} , 60
 \mathcal{N} , 214
 $\mathcal{N}(r, m)$, 214
 \mathcal{NM}_n , 347
 $\nu x[\psi]$, 437
 $OA_{n, \Phi}$, 316
 $O(f)$, 66
 $P(X, f)$, 233
 $Pg^{\mathcal{I}}$, 256
 Pg_i^{π} , 181, 403
 Pg^{π} , 182
 Pg^X , 408
 Φ , 16
 φ_{AB} , 315
 $\varphi^{\mathcal{I}}$, 434
 φ^M , 41
 $\varphi[x/\psi]$, 435
 π , 18, 117
 Ψ , 169
 ψ_e , 422
 $r(m)$, 113
 $r_e(m)$, 113
 $r_i(m)$, 113
 \mathcal{R} , 113
 \mathcal{R}^{fair} , 175

- $\mathcal{R}(V_1, \dots, V_n)$, 142
 $\mathbf{R}^{rep}(P, \gamma)$, 173
Rel, 169
 $(r, m) \sim_i (r', m')$, 118
 $(r, m) \sim_{i_1, \dots, i_k} (r', m')$, 146
 S , 18
 s^* , 347
 $s \sim_i s'$, 117
 s_e , 111
 s_i , 111
Sub(φ), 51
Sub⁺(φ), 68
 $S4_n$, 59
 $S4_n^C$, 70
 $S4_n^D$, 73
 $S5_n$, 59
 $S5_n^C$, 70
 $S5_n^{CU}$, 305
 $S5_n^D$, 73
 $S5_n^{DU}$, 331
 $S5_n^U$, 305
 τ , 164
 T_n , 59
 T_n^C , 70
 T_n^D , 73
true, 17
True, 169
 U , 121
 V/K_i , 57
 $V[x/a]$, 83
 $x_{@i}$, 285
 X_i , 363, 396
 2^S , 39
 $|A|$, 51
 $|\varphi|$, 51
 $\|M\|$, 66
 $\bigwedge \Psi$, 334
 \square , 121
 \bigcirc , 121
 \diamond , 121
 $:=$, 260
 \leftrightarrow , 351
 \preceq , 291
 \sqsubseteq , 174
 $\models \varphi$, 32
 $(\mathcal{A}, V) \models \varphi$, 83
 $\mathcal{I} \models \varphi$, 119
 $(\mathcal{I}, \ell) \models \varphi$, 256
 $(\mathcal{I}, r, m) \models \varphi$, 118
 $M \models \varphi$, 32
 $(M, s) \models \varphi$, 18
 $(M, s, V) \models \varphi$, 85
 $\mathcal{M}_n \models \varphi$, 52
 $\mathcal{M} \models \varphi$, 52
 $(\pi, \ell) \models \varphi$, 181
 $AX \vdash \varphi$, 54