# Index of cited authors in complement of the book

# Principles of Abstract Interpretation Patrick Cousot

## **MIT Press**

#### Δ

Abadi, Martín, 172, 666 Abbas, Mostafa M., 411, 666 Abdulla, Parosh Aziz, 571 Abian, Smbat, 183 Abrahams, Paul W., 564 Acar, Umut A., 637, 664 Ackermann, Wilhelm, 7, 8, 10, 69, 572 Aczel, Peter, 195 Adjé, Assalé, 439 Adve, Vikram S., 314, 758, 763 Aeronautical Software, Forum for, 766 Ahmed, Amal, 635, 637, 664, 665 Ahrendt, Wolfgang, 437 Aiken, Alexander, 599, 633 Akian, Marianne, 139 Albarghouthi, Aws, 423, 768 Alglave, Jade, 83, 202, 204, 327, 553, 564 Allen, Frances E., 115, 293, 438, 533, 542, 551

Almashfi, Nabil, 530 Almeida, José Bacelar, 530 Alpern, Bowen, 161, 166, 169, 170, 172 Althoen, Steven C., 471 Althoff, Matthias, 422 Alur, Rajeev, 573 Amaral, José Nelson, 755, 760 Amato, Gianluca, 423, 438, 461, 529 Amin, Nada, 698, 720 Amir, Samir, 514 Amit, Nadav, 530 Amtoft, Torben, 83, 653, 663 Anand, Saswat, 633 Andersen, Lars Ole, 601, 624, 625, 627, 629, Andersen, Tycho, 489 Anderson, Greg, 768 Apinis, Kalmer, 438 Appel, Andrew W., 327 Apt, Krzysztof R., 99, 172, 279, 292, 313,

Boissinot, Benoit, 542

Bastani, Osbert, 633

315,630 Bauer, Lujo, 568, 592 Arceri, Vincenzo, 592 Baufreton, Philippe, 410 Arden, Dean N., 181, 571 Becchi, Anna, 766 Armstrong, Mark A., 157 Beck, Matthias, 411 Artho, Cyrille, 172 Becker, Heiko, 766 Artin, Emil, 465 Beckschulze, Eva, 530 Asperti, Andrea, 108 Beeri, Catriel, 732 Assaf, Mounir, 666 Bekić, Hans, 178 Astesiano, Egidio, 375 Bello, Luciano, 666 Aït-Kaci, Hassan, 66, 115, 514, 692, 694 Benado, Michaël, 139 Benhamou, Frédéric, 271, 530 B Benz, Florian, 411 Backhouse, Kevin, 139 Berdine, Josh, 742 Backhouse, Roland Carl, 124, 139 Berge, Claude, 491, 495, 514 Backus, John W., 66 Berger, Philipp, 593, 764, 767 Baets, Bernard De, 139 Bergeretti, Jean-Francois, 666 Bagnara, Abramo, 758, 764 Berrada, Ismail, 529 Bagnara, Roberto, 271, 461, 519, 527, 529, Berthomieu, Bernard, 517 758, 764, 766 Bertot, Yves, 551 Baier, Christel, 567, 580, 589, 765 Bertrane, Julien, 327, 370, 375, 392, 443, Bailey, David H., 411 529, 592, 633, 757 Bakhirkin, Alexey, 742, 752 Bessey, Al, 760, 761 Balakrishnan, Gogul, 631 Beyer, Dirk, 549 Balasundaram, Vasanth, 517 Bidoit, Michel, 375 Ball, Thomas, 343, 344, 370, 592 Bielik, Pavol, 344 Banach, Stefan, 183 Biere, Armin, 172, 589, 760 Bancilhon, François, 732 Birkhoff, Garrett, 24, 111, 112, 118, 119 Banda, Maria J. García de la, 461, 666 Bissyandé, Tegawendé F., 664, 665 Bandhakavi, Sruthi, 663 Biswas, Swarnendu, 529 Banerjee, Anindya, 83, 653, 663, 666 Bjørner, Nikolaj, 312 Banterle, Francesco, 529 Black, Paul E., 766, 767 Barbosa, Manuel, 530 Blanchet, Bruno, 422, 432, 599 Barbuti, Roberto, 669 Blazy, Sandrine, 35, 139, 327, 461, 529, 761, Barnes, John G. P., 375 766 Barnett, Michael, 326 Blieberger, Johann, 551 Block, Ken, 760, 761 Barrett, Clark W., 312, 758 Bartel, Alexandre, 664, 665 Bloem, Roderick, 567, 580, 667, 771 Barth, Jeffrey M., 601 Blyth, Thomas S., 121 Barthe, Gilles, 530, 662, 667, 761 Bobot, François, 313, 314 Bartocci, Ezio, 411 Boigelot, Bernard, 437

Boldo, Sylvie, 422 Campo, Cristina del, 139 Bonnet, Robert, 182 Camporesi, Ferdinanda, 768 Boole, George, 7, 8 Carro, Manuel, 666, 694 Bouabdallah, Amed, 172 Carré, Bernard, 491, 513, 514, 666 Boucher, Dominique, 271 Castellan, Simon, 12 Bouissou, Olivier, 432 Castellini, Gabriele, 139 Bounimova, Ella, 592 Cayley, Arthur, 469 Bourbaki, Nicolas, 157, 183 Chaki, Sagar, 423, 461 Bourdoncle, François, 279, 436 Chambers, Craig, 461 Boutillier, Pierre, 3, 768 Chang, Bor-Yuh Evan, 755, 760 Boutonnet, Rémy, 438 Chang, C. H., 66 Chapoutot, Alexandre, 410, 432, 768 Bowman, William J., 635, 665 Boyd, Stephen P., 177 Chaudhuri, Swarat, 768 Boyer, Robert S., 115, 514 Chawdhary, Aziem, 529 Bozga, Marius, 530 Chelf, Benjamin, 760, 761 Bošnački, Dragan, 139 Chen, Junjie, 461 Brabrand, Claus, 461 Chen, Liqian, 423, 489, 752, 757, 760 Brandner, Florian, 542 Chen, Wei, 592 Brat, Guillaume P., 764 Chen, Yuxuan, 271 Brattka, Vasco, 139 Cheney, James, 637, 664 Brauer, Jörg, 456, 530 Cheshmi, Kazem, 667 Breck, Jason, 489, 592 Chevalier, Marc, 461 Brown, Arthur B., 183 Choe, Kwang-Moo, 66 Chomsky, Noam, 20, 41, 195 Brown, Fraser, 759 Bruynooghe, Maurice, 461 Chou, Andy, 417, 760, 761, 763 Bryant, Randal E., 423, 589 Christakis, Maria, 3, 529, 759 Brzozowski, Janusz A., 573, 592 Church, Alonzo, 102, 697, 720 Bueno, Francisco, 666, 669, 694, 768 Cimatti, Alessandro, 589, 760 Bugariu, Alexandra, 529 Clairambault, Pierre, 12 Buglyó, Sándor, 139 Clapp, Lazaro, 633 Bulck, Jo Van, 83 Clarisó, Robert, 529 Burstall, Rod M., 22, 193 Clark, Alison M., 720 Bézout, Étienne, 379 Clarke Jr., Edmund M., 34, 122, 242, 317, Bühler, David, 461, 765 567, 580, 589, 667, 760, 771 Clarke, Dave, 514 C Clarkson, Michael R., 95, 96 Cabon, Gurvan, 666 Cloud, Michael J., 393, 397, 411 Cabrera, Inma P., 139 Cocke, John, 115, 281, 293, 533, 542, 551 Cachera, David, 35, 271, 489, 530, 761 Codish, Michael, 461, 732

Cofer, Darren D., 344, 591

Cohen, Albert, 530

Calcagno, Cristiano, 461

Campbell, Roy H., 592

Cohen, Ellis S., 635, 637, 665	450, 458, 460, 461, 492, 495, 514,
Colby, Christopher, 205	529, 530, 533, 535, 537, 541, 550,
Collavizza, Hélène, 742	551, 567, 591–593, 599, 630, 631,
Collins, George E., 313, 428	633, 663, 669, 720, 741, 742, 752,
Colmerauer, Alain, 669, 694	756, 757, 764, 765
Colussi, Livio, 155	Crafa, Silvia, 591
Comba, João Luiz Dihl, 410	Crespo, Juan Manuel, 662
Comon, Hubert, 437	Cristescu, Ioana, 3, 768
Cook, Byron, 592	Croisot, Robert, 139
Cook, Stephen A., 327	Cuoq, Pascal, 422, 765
Coquet, Jean, 768	Cyphert, John, 489, 592
Cordero, Pablo, 139	
Cortadella, Jordi, 529	D
Cortesi, Agostino, 460, 461, 592, 663, 666,	D'Antoni, Loris, 768
768	D'Silva, Vijay, 3, 768
Costan, Alexandru, 439	Dagnino, Francesco, 195
Costantini, Giulia, 461	•
Courant, Nathanaël, 742	Damas, Luís, 720 Damm, Werner, 317
Courant, Richard, 7	
Courcelle, Bruno, 195	Damouche, Nasrine, 410
Cousot, Patrick, 2, 3, 24, 66, 83, 89, 99, 108,	Dams, Dennis, 592, 768
115, 119, 138, 139, 152, 155, 172,	Darais, David, 119, 720
177, 183, 195, 201, 205, 213,	Darte, Alain, 542
221–225, 232, 261, 269, 271, 277,	Darulova, Eva, 396, 766
279, 292, 300, 301, 303, 313, 326,	Das, Manuvir, 631
327, 343, 344, 358, 370, 373, 375,	Davey, Brian A., 111, 115
392, 400, 411, 422, 432, 435–439,	De Fermat, Pierre, 14
442, 443, 445, 447, 450, 458, 460,	de Figueiredo, Luiz Henrique, 396
461, 489, 492, 495, 514, 529, 530,	De Giacomo, Giuseppe, 567
533, 535, 537, 541, 542, 550, 551,	de Moura, Leonardo Mendonça, 312
553, 564, 567, 591–593, 599, 630,	Debray, Saumya K., 732
631, 633, 663, 667, 669, 677, 697,	Dedekind, Richard, 7, 182, 465
712, 720, 732, 741–743, 748–750,	Dehnavi, Maryam Mehri, 667
752, 756, 757, 760, 764, 765, 768,	Delmas, David, 410, 530, 764
773	Demeulemeester, Erik L., 530
Cousot, Radhia, 2, 3, 24, 66, 83, 89, 99, 115,	Demmel, James, 411
119, 138, 139, 152, 155, 172, 183,	Demoen, Bart, 732
195, 205, 213, 221–225, 232, 269,	Denecke, Klaus, 139
271, 277, 279, 292, 301, 303, 313,	Deng, Chaoqiang, 667, 742, 757
326, 327, 370, 373, 375, 392, 411,	Denning, Dorothy E., 635, 637, 638, 641,
422, 432, 435–438, 443, 445, 447,	646, 652, 653, 666

Erdweg, Sebastian, 756

Denning, Peter J., 635, 637, 638, 641, 646,	Erné, Marcel, 126, 139
652, 653, 666	Escardó, Martín Hötzel, 177
DeRemer, Frank, 66	Ésik, Zoltán, 567
Derniame, Jean-Claude, 495, 513, 514	Eugenio, Enrico, 768
Deutsch, Alain, 423, 601, 633, 760	Euler, Leonhard, 514
Diestel, Reinhard, 491	Eğecioğlu, Ömer, 592
Dietz, Will, 314, 758	
Dijkstra, Edsger W., 10, 13, 152–155, 279,	F
303, 313, 681, 723, 773	Falcone, Yliès, 411
Dill, David L., 517, 519	Fang, Yi, 758
Dillig, Isil, 768	Feeley, Marc, 271
Dimovski, Aleksandar S., 461	Feijen, W. H. J., 279
Dinechin, Benoît Dupont de, 542	Feldman, Stuart I., 64
Dissegna, Stefano, 44	Felscher, Walter, 139
Distefano, Dino, 461, 748, 765	Feret, Jérôme, 3, 327, 370, 375, 392, 422,
Doligez, Damien, 3, 34, 61, 66, 368, 671	432, 443, 461, 529, 530, 592, 599,
Doupe, Adam, 3, 768	631, 633, 663, 756, 757, 764, 765,
Dowek, Gilles, 298	768
Drabent, Włodzimierz, 732	Feron, Éric, 529
Drachsler-Cohen, Dana, 768	Ferrara, Pietro, 461, 592, 663, 666, 742
Drews, Samuel, 768	Figueiredo, Luiz Henrique de, 410
Drusinsky, Doron, 411	Filliâtre, Jean-Christophe, 313, 314
Dubreil, Jérémy, 461	Filé, Gilberto, 461, 551
Dubreil, Paul, 139	Fischer, Jeffrey, 461
Duesterwald, Evelyn, 633	Fischer, Michael J., 312
Durak, Berke, 65	Fisker, R. G., 375
Dybjer, Peter, 12	Floyd, Robert W., 1, 98, 99, 232, 303, 313,
Dzik, Wojciech, 139	327, 491, 509, 758
	Fogh, Anders, 83
E	Foster, Jeffrey S., 599, 773
Earley, Jay, 66	Fouilhé, Alexis, 766
Eder, Elmar, 694	Fox, Anthony C. J., 766
Edwards, Daniel J., 564	Frade, Maria João, 551
Eisenbarth, Thomas, 638	Francalanza, Adrian, 411
El-Mahdy, Ahmed, 411, 666	Francez, Nissim, 172
Elder, Matt, 489	Frisch, Alain, 3, 34, 61, 66, 368, 671
Ellison, Chucky, 758	Fromherz, Aymeric, 758
Emanuelsson, Pär, 760, 763	Fulla, Peter, 139
Emerson, E. Allen, 567	Fulton, Bryan, 760, 761
Engler, Dawson R., 591, 759-761	Fussell, Donald S., 529

Futamura, Yoshihiko, 271

Fähndrich, Manuel, 152, 529, 741, 748, 759, 765

#### G

Gabi, Dominik, 461 Gallagher, John P., 742, 752 Galletta, Letterio, 720 Gallois-Wong, Diane, 422 Galois, Évariste, 118, 139 Gange, Graeme, 393, 422, 438, 529, 742 Ganter, Bernhard, 139 Ganty, Pierre, 591 Garcia, Ronald, 720 Garcia-Contreras, Isabel, 667, 757 García-Pardo, Francisca, 139 Garoche, Pierre-Loïc, 529 Garrigue, Jacques, 3, 34, 61, 66, 368, 671 Gassino, Jean, 410 Gasteren, A. J. M. van, 279 Gaubert, Stéphane, 139, 439 Gavss, Carolo Friderico, 378, 382, 470 Gawlitza, Thomas Martin, 439, 529 Gehr, Timon, 3, 768 Gehrke, Mai, 592 Genkin, Daniel, 83 Gershuni, Elazar, 530 Gerth, Rob, 768 Gharat, Pritam M., 632

669, 720, 723, 743, 756, 757, 773 Gifford, David K., 720 Ginsburg, Seymour, 188, 195 Girault, Alain, 432

Giacobazzi, Roberto, 108, 201, 224, 439,

461, 529, 530, 591–593, 663, 667,

Ghorbal, Khalil, 410, 422

Goguen, Joseph A., 635-637, 665 Goldberg, Allen, 411 Goldberg, Benjamin, 758

Goldberg, David, 393, 398 Goldstein, Seth Copen, 694

Gomard, Carsten K., 271

Gondran, Michel, 495, 514 Gonnord, Laure, 423, 439, 530 Gopalakrishnan, Ganesh, 667 Gordon, Mike, 742 Goubault, Éric, 410, 422, 423, 439 Graf, Susanne, 36, 343 Granger, Philippe, 373, 391, 392, 419, 462, 489, 529 Gras, Daniel Cabeza, 666 Grassmann, Hermann, 465 Gray, Jeremy, 465 Greenlaw, Raymond, 279 Gros, Charles-Henri, 760, 761 Grove, David, 461 Grumberg, Orna, 122, 567, 580, 768

Gruss, Daniel, 83 Grätzer, George, 111, 368 Grégoire, Benjamin, 530, 551, 667

Gulwani, Sumit, 344, 461, 549 Guo, Shengjian, 638 Guo, Zheng, 720 Gupta, Rajiv, 633

Gurfinkel, Arie, 423, 461, 530, 742 Guyer, Samuel Z., 755, 760 Gîrlea, Codruta, 530

Gödel, Kurt, 102, 312, 313

Hamlen, Kevin W., 568

#### Η

Haas, Werner, 83 Habermann, A. Nico, 592 Hack, Sebastian, 41, 411 Haghighat, Mohammad R., 422, 549 Halbwachs, Nicolas, 432, 435, 438, 439, 489, 529, 530, 768 Halder, Raju, 663, 666, 768 Hall, Mary W., 667 Hallem, Seth, 760, 761 Haller, Leopold, 3, 760, 768 Halpern, Joseph Y., 567 Hamburg, Mike, 83

Hansen, Pierre, 514 155, 232, 303, 315, 316, 324, 327, Hao, Ken Chan Guan, 33 Hardekopf, Ben, 631 Hoenicke, Jochen, 172, 370, 589 Hardy, Godfrey H., 120, 377 Hoeven, Joris van der, 411 Harel, David, 567 Hofmann, Martin, 592 Hart, Timothy P., 564 Holzmann, Gerard J., 10 Hatcliff, John, 664, 665 Hong, Hyoung Seok, 664 Hoogendijk, Paul F., 124 Hathhorn, Chris, 758 Hooimeijer, Pieter, 461 Hausner, Melvin, 465 Hoover, H. James, 279 Havelund, Klaus, 411 Hopcroft, John E., 572 Hayman, Jonathan, 768 Horn, Alfred, 742, 752 He, Jingxuan, 530 Horn, David Van, 119, 720 Hecht, Matthew S., 115, 281, 533, 550 Horn, Jann, 83 Hedin, Daniel, 666 Horwitz, Susan, 631 Heintze, Nevin, 292, 422, 633, 666 Hough, David, 411 Heizmann, Matthias, 589 Howe, Jacob M., 529, 742 Henderson, Peter, 568 Hrushovski, Ehud, 489 Henhapl, Wolfgang, 564 Hsu, Kyle, 768 Henry, Julien, 435 Hu, Ying, 758 Henzinger, Thomas A., 423, 567, 580, 667, Hudak, Paul, 601 768, 771 Huet, Gérard P., 312, 679, 694, 766 Heo, Kihong, 432, 530, 757, 760, 764 Hughes, John, 638 Herbelin, Hugo, 312, 766 Hušek, Miroslav, 139 Herbrand, Jacques, 8, 669, 686, 799 Héliard, Jean-Claude, 375 Hermenegildo, Manuel V., 461, 666, 667, 669, 694, 757, 768 Ι Herrlich, Horst, 139 Iancu, Costin, 411 Herroelen, Willy S., 530 Ichbiah, Jean D., 375 Hessenberg, Gerhard, 182 IEEE, 393, 398 Heyting, Arend, 130 Iosif, Radu, 530 Hichami, Outman El, 529 Irvine, Cynthia E., 635, 665 Hickey, Timothy J., 396 Isaacson, Eugene, 276, 410, 417, 472 Hicks, Michael, 773 Hilbert, David, 7, 8, 10, 69, 572 Hildebrandt, Andreas, 411 Jacquemin, Maxime, 423 Hill, Patricia M., 271, 461, 519, 527, 529, Jaffar, Joxan, 292, 633 758, 764, 766 James H. Morris, Jr., 313, 742 Hind, Michael, 601 James, Michael, 720 Hindley, J. Roger, 669, 697, 712, 720 Jana, Angshuman, 768 Ho, Pei-Hsin, 768 Jeannet, Bertrand, 271, 432, 529, 766 Hoare, Charles Antony Richard, 1, 98, 99, Jensen, Thomas P., 128, 205, 489

Kosmatov, Nikolai, 765

Koster, Cornelis H. A., 375

Karpenkov, Egor George, 439

Karr, Michael, 485, 488, 648, 653, 663

Iha, Somesh, 423 Kasikci, Baris, 83 Jhala, Ranjit, 33, 461, 720 Katoen, Joost-Pieter, 567, 580, 589, 593, Jobin, Arnaud, 489 764, 765, 767 Jobredeaux, Romain, 529 Katz, Shmuel, 172 Johannsen, Jacob, 33 Kaufmann, Matt, 242, 312 Johnson, Donald B., 514 Kawaguchi, Ming, 33, 720 Johnson, Robert, 599 Kaynar, Dilsun Kirli, 568, 592 Johnson, Stephen C., 66, 763 Kearfott, R. Baker, 393, 397, 411 Jones, Anita K., 638 Keidel, Sven, 756 Jones, Cliff B., 564 Keller, Herbert Bishop, 276, 410, 417, 472 Jones, Neil D., 101, 139, 271, 317, 345, 664, Kennedy, Ken, 517, 533, 534, 551 Kernighan, Brian W., 3, 599, 601, 603, 631, Jonsson, Bengt, 571 Jordan, Wilhelm, 471 Khedker, Uday P., 533, 601, 632, 633, 755, Josko, Bernhard, 317 760 Jourdan, Jacques-Henri, 35, 139, 327, 461, Kildall, Gary A., 33, 115, 271, 279, 345, 370, 529, 761, 766 438, 533, 648, 663 Journault, Matthieu, 461 Kim, Sol, 432 Kim, Sung Kook, 279 Jouvelot, Pierre, 720 Ju, Qun, 396 Kincaid, Zachary, 489, 592 Julliand, Jacques, 768 Kindler, Ekkart, 172 Jurski, Yan, 437 King, Andy, 393, 422, 456, 529, 742 Justo, David, 720 King, James C., 589 Kirchner, Florent, 489, 765 Järvinen, Jouni, 139 Kirchner, Hélène, 375 K Kleene, Stephen Cole, 7-9, 183, 567, 568, Kafle, Bishoksan, 742, 752 572, 591 Kahan, William, 411 Klein, Jacques, 664, 665 Kahn, Gilles, 155 Klieber, William, 34, 589 Kahsai, Temesghen, 742 Knaster, Bronisław, 178, 183 Kam, John B., 438, 533 Knoop, Jens, 648, 663 Kamsky, Asya, 760, 761 Knuth, Donald Ervin, 43, 66, 749 Kan, Daniel M., 139 Kochdumper, Niklas, 422 Kang, Dongok, 757, 760 Kocher, Paul, 83 Kantorovich, Leonid, 183 Kodumal, John, 599, 633 Kanvar, Vini, 601, 633 Kolokoltsov, Vassili, 139 Kaplan, Marc A., 752 Kondo, Michiro, 139 Kaplansky, Irving, 7 Koschützki, Dirk, 648 Kapur, Deepak, 489 Koslowski, Jurgen, 126

Lecerf, Grégoire, 411

Lee, Hongki, 742

Kouchnarenko, Olga, 768	Lee, Insup, 664
Koutsos, Adrien, 530	Lee, Peter, 205
Kovács, Laura, 437	Lee, Wonchan, 757, 760
Kowalewski, Stefan, 456, 530	Lee, Woosuk, 757, 760
Kowalski, Robert A., 669	Lehmann, Daniel J., 10
Kozen, Dexter, 567	Lerner, Sorin, 461
Krebbers, Robbert, 758	Leroy, Xavier, 3, 34, 35, 61, 66, 139, 327,
Kreinovich, Vladik, 410	368, 461, 529, 550, 551, 671, 758,
Krieg-Brückner, Bernd, 375	761, 766
Kripke, Saul A., 580	Lesk, Michael E., 66
Kroening, Daniel, 3, 567, 580, 760, 768	Leszczyłowski, Jacek, 178
Kruegel, Christopher, 3, 768	Leucker, Martin, 411
Krötzsch, Markus, 139	Lev-Ami, Tal, 209
Kumar, Amrit, 33	Levi, Giorgio, 669, 720
Kumar, Rahul, 592	Levin, Michael I., 564
Kuncak, Viktor, 396	Levin, Vladimir, 592
Kunz, César, 662	Lhoták, Ondrej, 755, 760
Kupferman, Orna, 592	Li, Li, 664, 665
Kuratowski, Kazimierz, 8, 11, 158, 183	Li, Peng, 314, 758
Kycia, Radosław A., 139	Liberti, Leo, 177
	Lichtenstein, Orna, 589
L	Ligatti, Jay, 568, 592
Lakhdar-Chaouch, Lies, 432	Lim, Junghee, 489
Lambek, Joachim, 139	Lin, Calvin, 631
Lamport, Leslie, 172, 204	Lincoln, Patrick, 115, 514
Lampson, Butler W., 638	Lindsey, C. H., 375
Landi, William, 108	Lipp, Moritz, 83
Lane, Saunders Mac, 126	Lipton, Richard J., 638
Lang, Serge, 465	Liu, Jiangchao, 752, 757, 760
Laporte, Vincent, 35, 139, 327, 461, 529,	Livshits, Benjamin, 755, 760
530, 667, 761, 766	Logozzo, Francesco, 44, 152, 326, 529, 741,
Larsen, Kim Guldstrand, 519	748, 759, 765
Laski, Janusz, 635	Long, David E., 122
Lassez, Jean-Louis, 694	Losa, Giuliano, 172
Lattner, Chris, 763	Lu, Kenny Zhuo Ming, 571
Lauer, Peter E., 99	Lu, Ling-Xia, 139
Lavrijsen, Wim, 411	Lu, Lunjin, 530, 742
Le Charlier, Baudouin, 373, 461	Luca, Martino, 461
Le Guernic, Gurvan, 666	Lucassen, John M., 720

Lukina, Anna, 423

Lvov, Michael, 489

Levy, Jean-Jacques, 298	Mauborgne, Laurent, 3, 327, 370, 375, 392,
López-García, Pedro, 666, 669, 694, 768	422, 432, 443, 458, 461, 529, 530,
Lý, Kim Quyên, 768	589, 592, 599, 631, 633, 663, 756,
	757, 764, 765
M	Mazzi, Elena, 519, 527, 529
Machiry, Aravind, 3, 768	McCarthy, John, 13, 564, 720
Maffra, Izabela, 423	McLaughlin, Renate, 471
Maher, Michael J., 694	McLean, John, 637
Maier, David, 732	McMillan, Kenneth L., 438
Mailloux, B. J., 375	McMullen, Peter, 411
Maio, Simone Di Nardo Di, 461	McPeak, Scott, 760, 761
Majumdar, Rupak, 344, 370, 461, 768	Meertens, Lambert G. L. T., 375
Malik, Grit, 139	Mehne, Benjamin, 411
Mallik, Kaushik, 768	Melham, Tom, 760
Mallios, Yannis, 568, 592	Melquiond, Guillaume, 313, 314
Mamouras, Konstantinos, 573	Melton, Austin, 126, 139
Mang, Freddy Y. C., 768	Menasche, Miguel, 517
Mangard, Stefan, 83	Mendler, Nax Paul, 195
Mann, Christopher, 666	Mera, Edison, 666, 694
Manna, Zohar, 172, 232, 301, 303, 313, 489,	Merchat, David, 530
529	Meseguer, José, 635-637, 665
Manning, Christopher D., 66	Michel, Claude, 205
Manolios, Panagiotis, 172	Midtgaard, Jan, 514, 592
Maplesoft, a division of Waterloo Maple	Mihaila, Bogdan, 432
Inc., 761	Miller, Steven P., 344, 591
Maranget, Luc, 202	Millstein, Todd D., 344
Marchiori, Elena, 155	Milne, Robert, 564
Marché, Claude, 313, 314	Milner, Robin, 155, 195, 437, 720
Mardziel, Piotr, 773	Minker, Jack, 669
Marinelli, Fabrizio, 177	Minkin, Marina, 83
Markowsky, George, 129, 177, 183	Miné, Antoine, 271, 327, 346, 370, 375, 392,
Markowsky, Linda, 129	422, 432, 443, 460, 461, 489, 517,
Marriott, Kim, 666, 694	527–530, 592, 599, 631, 633, 663,
Martel, Matthieu, 410, 423, 439, 768	742, 743, 756–758, 764–766
Martelli, Alberto, 686	Mirliaz, Solène, 595
Martin, Florian, 766	Mirman, Matthew, 768
Maréchal, Alexandre, 461	Mitchell, Ian M., 742
Masdupuy, François, 392, 423	Moggi, Eugenio, 564
Masson, Pierre-Alain, 768	Mohammadi, Mahdi Soltan, 667
Massé, Damien, 742, 752	Mohnen, Markus, 551
Mastroeni, Isabella, 592, 663, 664, 666, 667	Mohri, Mehryar, 592

Naumann, David A., 638, 663, 666

Monat, Raphaël, 461, 766	Naur, Peter, 1, 18, 34, 98, 232, 271, 303, 313
Monfroy, Éric, 271, 530	345, 370, 514
Monk, James Donald, 15, 182	Navas, Jorge A., 393, 422, 438, 529, 530
Monniaux, David, 279, 344, 393, 398, 422,	Nazaré, Henrique, 423
428, 432, 439, 461, 599, 631, 633,	Necula, George C., 344
752, 764, 766	Nederhof, Mark-Jan, 592
Montanari, Ugo, 686	Nedialkov, Nedialko S., 410
Monteiro, António, 135, 138	Negrini, Luca, 592
Moore, Eliakim Hastings, 8, 138, 771	Nelson, Greg, 458, 461
Moore, J. Strother, 242, 312	Ness, Stephen, 301
Moore, Ramon E., 393, 397, 411, 422	Neumann, John Von, 9
Morales, José F., 666, 667, 694, 757	New, Max S., 635, 665
Morgado, José, 128	Newton, Isaac, 182
Morgan, Augustus De, 14	Ngo, Minh, 663
Mosses, Peter D., 375	Nguyen, Cuong, 411
Mostowski, Andrzej, 8	Nielson, Flemming, 592, 664
Motwani, Rajeev, 572	Nielson, Hanne Riis, 592
Mu, Shin-Cheng, 118	Nilsson, Marcus, 571
Muchnick, Steven S., 317, 345, 551	Nilsson, Ulf, 732, 760, 763
Mukherjee, Rajdeep, 760	Nipkow, Tobias, 242, 694
Mulder, Elke De, 638	Noether, Emmy, 114
Mulkers, Anne, 461	Norrish, Michael, 758
Muske, Tukaram, 757	Novácek, Milos, 34, 589
Musuvathi, Madanlal, 591	Nötzli, Andres, 759
Muthukumar, Kalyan, 666, 669	Notzii, Midres, 737
Mycroft, Alan, 139, 411, 632	
Myers, Andrew C., 638	0
Myreen, Magnus O., 766	O'Donnell, Michael J., 327
Méziriac, Claude-Gaspard Bachet de, 379	O'Hearn, Peter W., 461, 748, 765
Møller, Anders, 438, 755, 760	Octeau, Damien, 664, 665
Müller, Peter, 529, 551, 637, 666, 742, 743,	Oh, Hakjoo, 432, 530, 757, 760, 764
759	Ojeda-Aciego, Manuel, 139
Müller-Olm, Markus, 393, 422, 489, 648,	Olderog, Ernst-Rüdiger, 315
663	Oliveira, José Nuno, 118
	Oliveira, Leonardo Barbosa e, 423
N	Oliveira, Tiago, 530
Nagaraj, Vaivaswatha, 33	Olivieri, Luca, 742
Namjoshi, Kedar S., 592	Olliaro, Martina, 592
Narodytska, Nina, 530	Omar, Rasha, 411, 666
Nasr, Roger, 115, 514	Oppen, Derek C., 312, 458, 461

Ørbæk, Peter, 666

Püschel, Markus, 3, 271, 433, 529, 530, 766,

Perdrix, Simon, 768

Ore, Oystein, 118, 126, 127, 139, 377, 382, Pereira, Fernando Magno Quintão, 423 815 Petrisan, Daniela, 592 Ouadjaout, Abdelraouf, 461, 758 Petter, Michael, 489 Ouaknine, Joël, 489 Pettersson, Paul, 519 Oucheikh, Rachid, 529 Pichardie, David, 35, 139, 327, 461, 529, Oulamara, Mendes, 529 595, 761, 766 Overton, Michael L., 393 Pickert, Günter, 124 Owens, Scott, 573 Pierce, Benjamin C., 705, 720 Owre, Sam, 312 Piessens, Frank, 83 Pingali, Keshav, 529 P Piterman, Nir, 742 Padon, Oded, 172 Pitts, Andrew M., 22, 82 Padua, David A., 667 Plofker, Kim, 17, 19 Pailoor, Shankara, 768 Plotkin, Gordon D., 99, 562, 564, 669, 678, Pair, Claude, 495, 513, 514 679, 686, 692 Palamidessi, Catuscia, 461, 694 Pnueli, Amir, 10, 172, 567, 589, 758 Papadakis, Mike, 664, 665 Podelski, Andreas, 172, 343, 344, 370, 589, Papakonstantinou, Irene, 461 592, 694 Parent-Vigouroux, Catherine, 530 Polikarpova, Nadia, 720 Parikh, Rohit, 567 Polychronopoulos, Constantine D., 422, 549 Park, Changhee, 742 Park, David Michael Ritchie, 10, 177, 182, Ponsini, Olivier, 205 Post, Emil, 104 300 Park, Joseph C. H., 66 Pottier, François, 66, 317 Pouillard, Nicolas, 65 Pasi, Gabriella, 692, 694 Paskevich, Andrei, 313, 314 Poulsen, Casper Bach, 756 Pataraia, Dito, 177 Pouly, Amaury, 489 Paterson, Mike, 694 Pratt, Vaughan R., 517 Prescher, Thomas, 83 Paull, Marvin C., 542, 551 Paulson, Lawrence C., 242, 694 Prevosto, Virgile, 765 Pavlinovic, Zvonimir, 720 Priestley, Hilary A., 111, 115 Payet, Étienne, 530 Prosser, Reese T., 551 Peano, Giuseppe, 7-9, 313, 465 Proy, Yann-Eric, 768 Peck, J. E. L., 375 Proy, Yann-Erick, 432 Pei, Yan, 529 Puebla, Germán, 666, 669, 694, 768 Peirce, Charles Sanders, 8 Pugh, William, 312 Purbrick, Jim, 461 Peled, Doron A., 567, 580 Putot, Sylvie, 410, 422, 423, 439 Pelleau, Marie, 271, 461, 530 Peláez-Moreno, Carmen, 139 Périn, Michaël, 766 Pennello, Thomas J., 66 Péron, Mathias, 529

/68	Robbins (revised by Ian Stewart), Herbert, 7
0	Robbins, Edward, 529
Q	Robillard, Simon, 437
Qi, Peng, 66	Robins, Sinai, 411
Quarendon, Peter, 568	Robinson, John Alan, 669, 678, 686
Queille, Jean-Pierre, 567	Rodriguez, Dulma, 461
Quintarelli, Elisa, 224, 591	Rodríguez-Carbonell, Enric, 489
R	Rogers, Hartley, 101
Rabin, Michael O., 312	Rohou, Erven, 411, 666
Rajamani, Sriram K., 343, 344, 370, 592	Rompf, Tiark, 271
Ramakrishnan, Raghu, 732	Rondon, Patrick Maxim, 33, 720
Ranzato, Francesco, 44, 108, 201, 224, 299,	Rossi, Francesca, 666
439, 461, 530, 551, 591–593, 743,	Rossi-Doria, Olivia, 591
756, 757, 768, 773	Rosu, Grigore, 411, 567, 758
Raphson, Joseph, 182	Roubine, Olivier, 375
Raskin, Jean-François, 591, 768	Roumanoff, Patrick, 432
Rastello, Fabrice, 542	Roussel, Philippe, 669
Rasthofer, Siegfried, 664, 665	Roux, Pierre, 529
Raychev, Veselin, 344	Roy, Bernard, 491, 509, 513
Raymond, Pascal, 768	Rubino, Marco, 423, 529
Regehr, John, 314, 758	Rubio-González, Cindy, 411
Reger, Giles, 411	Ruef, Andrew, 773
Reggio, Luca, 592	Rueher, Michel, 205
Reiss, Steven P., 664	Rushby, John M., 312
Reppy, John H., 573	Russell, Bertrand, 8
Reps, Thomas W., 209, 489, 592, 631	Russo, Alejandro, 638
Reus, Bernhard, 101	Ruzzo, Walter L., 279
Revesz, Peter Z., 768	Ryder, Barbara G., 542, 551
Reynolds, John C., 139, 564, 669, 678, 679,	Ryu, Sukyoung, 742
686, 692	Ryzhyk, Leonid, 530
Rezk, Tamara, 663	Régis-Gianas, Yann, 66, 317
Ribeiro, Hugo, 135, 138	Rémy, Didier, 3, 34, 61, 66, 368, 671
Rice, Henry Gordon, 104, 188, 195	Rüthing, Oliver, 648, 663
Riecke, Jon G., 666	
Riguet, Jacques, 126, 155	S
Rinetzky, Noam, 530	Saabas, Ando, 551
Ritchie, Dennis, 3, 599, 601, 603, 631, 632	Sabelfeld, Andrei, 638, 666
Rival, Xavier, 3, 327, 370, 375, 392, 422,	Sagiv, Mooly, 172, 209, 530
432, 443, 461, 529, 530, 592, 599,	Sagiv, Yehoshua, 732
631, 633, 663, 664, 666, 756–758,	Sahlmann, Lorenz, 410, 422
764, 765, 767	Sakarovitch, Jacques, 178, 568, 589

Saksena, Mayank, 571 Seladji, Yassamine, 432 Salls, Christopher, 3, 768 Sen, Koushik, 411, 567 Sankaranarayanan, Sriram, 461, 489, 529 Sepp, Alexander, 432 Sannella, Donald, 375 Serebrenik, Alexander, 757 Santos, Willer, 423 Sergey, Ilya, 33, 514 Sanyal, Amitabha, 533 Sessa, Maria I., 694 Sassi, Mohamed Amin Ben, 529 Sestoft, Peter, 271, 664, 665 Sathe, Bageshri, 533 Shafer, Glenn, 99 Saïdi, Hassen, 36, 343 Shankar, Natarajan, 312 Schachte, Peter, 393, 422, 438, 529, 742 Shapiro, Ehud, 669, 686 Schaumont, Patrick, 638 Shapiro, Marc, 631 Scheffel, Torben, 411 Sharir, Micha, 551 Schilling, Christian, 423 Sharma, Rahul, 633 Schmidt, David A., 172, 533, 537, 549, 667 Sharma, Tushar, 489 Shasha, Dennis E., 202 Schmidt, Gunther, 491 Schmidt, Jürgen, 117 Shmuely, Zahava, 134 Schmitt, Alan, 666 Shoham, Sharon, 172 Schmitz, Malte, 411 Shoshitaishvili, Yan, 3, 768 Shoup, Victor, 377 Schmuck, Anne-Kathrin, 768 Schneider, Fred B., 95, 96, 161, 166, 169, Sifakis, Joseph, 567 170, 172, 568, 575, 592 Signoles, Julien, 666, 765 Silberstein, Mark, 83 Scholten, Carel S., 10, 152, 154, 155, 279, 723, 773 Silva, Paulo F., 118 Scholz, Bernhard, 551 Simmons, George S., 157 Schrammel, Peter, 439, 760 Simon, Axel, 393, 422, 432, 529 Schrijver, Alexander, 514 Singh, Gagandeep, 3, 271, 433, 529, 530, Schröder, Bernd S. W., 139 766, 768 Schröder, Ernst, 9 Singh, Rishabh, 768 Schuppan, Viktor, 172 Sinn, Moritz, 530 Schwartz, Jacob T., 281, 293 Sintzoff, Michel, 18, 271, 341, 345, 370, 375 Schwartzbach, Michael I., 438 Sipma, Henny B., 489, 529 Schwarz, Martin D., 439 Sippu, Seppo, 66 Schwarz, Michael, 83 Sipser, Michael, 101 Schützenberger, Marcel Paul, 188, 195 Smaragdakis, Yannis, 755, 760 Scott, Dana S., 20, 145, 154, 183, 205, 301, Smith, Geoffrey, 635, 665 Smullyan, Raymond, 7 Snir, Marc, 202 Scozzari, Francesca, 224, 438, 461, 529, 756 Soffa, Mary Lou, 633 Seidenberg, Abraham, 428 Seidl, Helmut, 41, 393, 422, 438, 439, 489, Soisalon-Soininen, Eljas, 66 Sokolsky, Oleg, 664 529 Seipel, Dietmar, 669 Somasundaram, Kanagasabapathi, 752

Souyris, Jean, 410, 764	Tarjan, Robert Endre, 281
Spoto, Fausto, 205, 530, 742	Tarlecki, Andrzej, 375
Sridhar, Meera, 568	Tarski, Alfred, 7, 8, 10, 175, 183, 313, 428
Sridharan, Manu, 755, 760	Tate, Ross, 698, 720
Standardization, International	Tautschnig, Michael, 202
Organization for, 23	Tekkal, Karim, 410
Stanley, William, 635	Tennent, Robert D., 298, 564
Starks, Scott A., 410	Thakur, Aditya V., 279
Starostin, Artem, 666	The Coq Development Team, 242
Stavi, Jonathan, 10	Thoma, Daniel, 411
Steensgaard, Bjarne, 601, 630, 669	Thunberg, Johan, 564
Steffen, Bernhard, 549, 648	Thushara, MG, 752
Steinhöfel, Dominic, 324	Théret, Nathalie, 768
Sterling, Leon, 669, 686	Tinelli, Cesare, 312
Stolfi, Jorge, 396, 410	Tiwari, Ashish, 461
Stoy, Joseph E., 564	Tofte, Mads, 155, 195
Strachey, Christopher, 20, 72, 145, 154, 205,	Totel, Éric, 666
564	Traon, Yves Le, 664, 665
Strackx, Raoul, 83	Trefler, Richard J., 172
Strecker, George E., 126, 139	Trieu, Alix, 761
Strichman, Ofer, 423, 589, 760	Tronel, Frédéric, 666
Strout, Michelle Mills, 667	Truchet, Charlotte, 271, 461, 530
Strub, Pierre-Yves, 530	Trunov, Anton, 33
Ströhlein, Thomas, 491	Tsankov, Petar, 768
Stuckey, Peter J., 393, 422, 438, 529, 742	Turing, Alan, 1, 98, 102, 232, 303, 313, 681
Sulzmann, Martin, 571	Turon, Aaron, 573
Suppes, Patrick, 7, 9	Tzolovski, Stanislav, 667
Száz, Árpád, 139, 155	
Sánchez, César, 411	U
Søndergaard, Harald, 393, 422, 438, 529,	Ueltschi, Samuel, 742, 743
664, 665, 742	Ullman, Jeffrey D., 438, 533, 572, 732, 752
	Ulus, Dogan, 573
T	Upadrasta, Ramakrishna, 530
Taft, S. Tucker, 370	Urban, Caterina, 3, 551, 637, 666, 742, 743,
Tahab, Walid, 564	768
Talbot, Pierre, 271, 530	Uustalu, Tarmo, 551
Talluri, Rohith, 757	
Tanter, Éric, 720	V
Tapparo, Francesco, 591	Valverde-Albacete, Francisco J., 139
Tarasich, Yulia, 489	van Emden, Maarten H., 396
Tardieu, Olivier, 633	Van Hentenryck, Pascal, 373, 461

Yakobowski, Boris, 461, 765

Yang, Hongseok, 530

Wegner, Peter, 83, 558, 564

Vandenberghe, Lieven, 177 Wei, Guannan, 271 Varacca, Daniele, 172 Wei, Jiawang, 279 Vardi, Moshe Y., 567 Wei, Shiyi, 773 Weihl, William E., 601 Vardoulakis, Dimitrios, 755, 760 Weiser, Mark, 635, 646, 663, 664 Vechev, Martin T., 3, 271, 344, 433, 529, Weisse, Ofir, 83 530, 766, 768 Wendler, Philipp, 439 Veith, Helmut, 530, 567, 580, 667, 771 Wenisch, Thomas F., 83 Venet, Arnaud J., 218, 279, 529, 764 Wenzel, Makarius, 694 Venkat, Anand, 667 Wenzel, Markus, 242 Vigna, Giovanni, 3, 768 Werra, Dominique de, 514 Vignet, Pierre, 768 Westhofen, Lukas, 593, 764, 767 Vinogradov, Ivan Matveevich, 377 Whalen, Michael W., 344, 591 Vogler, Ralf, 438 Whitehead, Alfred North, 8 Voiron, Guillaume, 768 Wichmann, Brian A., 375 Vojdani, Vesal, 438 Wiedijk, Freek, 758 Volpano, Dennis M., 635, 637, 665 Wijngaarden, Adriaan van, 375 Vouillon, Jérôme, 3, 34, 61, 66, 368, 671, Wiles, Andrew J., 120 720 Wilhelm, Reinhard, 41 Vuillemin, Jean, 301 Wille, Rudolf, 139 Védrine, Franck, 410, 422, 423 Winskel, Glynn, 403 Völzer, Hagen, 172 Wirth, Claus-Peter, 312 Wirth, Niklaus, 422, 599, 602 W Wismath, Shelly L., 139 Wadsworth, Christopher P., 72 Wissing, Klaus, 423, 760 Walia, Kanwardeep Singh, 766, 767 Wolfe, Michael, 667 Wang, Chao, 83, 638 Wolfram, Stephen, 313 Wang, Ji, 423, 489, 752, 757, 760 Wolper, Pierre, 437, 567 Wang, Qinsi, 242 Woodward, Robert J., 768 Wang, Xinyu, 768 Worrell, James, 489 Wang, Zi, 423 Wright, Edward M., 120, 377 Wang, Ziteng, 720 Wu, Meng, 83, 638 Ward, Morgan, 128, 138 Wu, Xueguang, 423 Warshall, Stephen, 491, 509, 513 Wüstholz, Valentin, 3 Wasowski, Andrzej, 461 Wüstholz, Valentin, 529, 759 Wasser, Nathan, 324 Weber, Heinrich, 465 X Wegbreit, Ben, 115, 271, 313, 345, 370, 438, Xu, Sunyi, 592 Wegman, Mark N., 422, 549, 592, 648, 663, Y

Yao, Wei, 139 Yarom, Yuval, 83 Yi, Kwangkeun, 3, 432, 530, 757, 760, 764, 767 Yi, Wang, 519 Yin, Banghu, 752, 757, 760 Yorsh, Greta, 209 Yuki, Tomofumi, 667

### $\mathbf{Z}$

Zadeck, F. Kenneth, 422, 549, 648, 663 Zaffanella, Enea, 271, 461, 519, 527, 529, 766 Zakowski, Yannick, 489 Zanardini, Damiano, 664, 666 Zanioli, Matteo, 460, 663, 666 Zaniolo, Carlo, 669 Zermelo, Ernst, 182 Zhang, Fuyuan, 3 Zhou, Jiaxiao, 720 Zhu, Yunshan, 589, 760 Ziat, Ghiles, 461 Živný, Stanislav, 139 Zuck, Lenore D., 758 Zuleger, Florian, 530

Zuliani, Paolo, 34, 589

Zyuzin, Nikita, 766