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{The 2003 Colloquium has been reviewed [ [MR2202756](#)].}

Contents: John T. Baldwin, Abstract elementary classes: some answers, more questions (1–17) [MR2401856 \(2009c:03028\)](#); Tomek Bartoszynski and Saharon Shelah, On the density of Hausdorff ultrafilters (18–32) [MR2401857 \(2009e:03084\)](#); Alessandro Berarducci, Zero-groups and maximal tori (33–46) [MR2401858 \(2009e:03069\)](#); Andrea Cantini and Laura Crosilla, Constructive set theory with operations (47–83) [MR2401859](#); Raf Cluckers, Parametrized local zeta functions (84–92) [MR2401860 \(2009c:11197\)](#); Benoit Larose and Lucien Haddad, Colourings of hypergraphs, permutation groups and CSP's (93–108) [MR2401861 \(2009b:05107\)](#); Paolo Lipparini, Tolerance intersection properties and subalgebras of squares (109–122) [MR2401862 \(2009d:08005\)](#); Anton Setzer, Universes in type theory. I. Inaccessibles and Mahlo (123–156) [MR2401863 \(2009b:03152\)](#); Frank Stephan, Hausdorff-dimension and weak truth-table reducibility (157–167) [MR2401864 \(2009b:03116\)](#); Guglielmo Tamburrini and Edoardo Datteri, Computation and the explanation of intelligent behaviours: ethologically motivated restart (168–186) [MR2401865](#); Ivan Tomašić, Constructible sheaves and definability (187–196) [MR2401866](#); Ross Willard, An overview of modern universal algebra (197–220) [MR2401867](#).

{Most of the papers are being reviewed individually.}

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