▶ DAVID W. KUEKER, Abstract Elementary Classes.
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An abstract elementary class is a class of structures for some vocabulary together with a substructure relation satisfying certain conditions, including closure under unions of chains and a Lowenheim-Skolem property. They were introduced by S. Shelah as a general framework for categoricity results. We will survey some recent work, in particular results relating abstract elementary classes to classical infinitary logics, including sufficient conditions for axiomatizability.