▶ DANIELA GENOVA, *Defining Languages by Forbidding-Enforcing Systems.*
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Motivated by biomolecular computing, forbidding-enforcing systems (fe-systems) were first used to define classes of languages (fe-families) based on boundary conditions. This paper presents a new model of fe-systems in which fe-systems define single languages (fe-languages) based on forbidden and enforced subwords. This paper charecterizes well-known languages by fe-systems, investigates connections between fe-families and fe-languages, and describes how a fe-system can generate the solution to the k-colorability problem and model splicing.