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**Danul K Gunatilleka\*** (danulg@math.umd.edu). *Baldwin-Shi hypergraphs in infinite languages.*

We extend the study of theories of Baldwin-Shi hypergraphs to the case where we have a countably infinite language  $L$ . We begin by establishing a link between the Baldwin-Shi hypergraph for  $L$  and its  $L_0$  reduct where  $L_0 \subseteq L$  is finite. We use this link to obtain stability and certain amalgamation properties satisfied by the Baldwin-Shi hypergraphs. We further explore their atomic models, countable models and regular types. (Received September 24, 2018)