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Walter Bridges* (wbridg6@lsu.edu). *Limit Shapes for Unimodal Sequences.*

A limit shape for a type of unimodal sequence of integers is a certain 0-1 Law satisfied by their diagrams. The diagrams of a unimodal sequence are stacks of boxes in the plane. One can ask whether 100% of boundaries of diagrams of size n approach some limiting curve as $n \rightarrow \infty$. This type of question has been well-studied for integer partitions. Using a method of F. Petrov, we obtain limit shapes for a variety of unimodal sequences. (Received September 09, 2019)