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Siddharth Bhaskar* (skbhaska@iu.edu). *A Survey of Approaches to Computability over Structures*. Preliminary report.

I will attempt to present a unified narrative surveying the basic approaches to and computability over structures. In particular, I will discuss programs and machine models of computation that operate over structure, and the various "computability classes" they induce. The existence or non-existence of a computable order pops up in a lot of this work, a curious phenomenon that I shall try to shed some light upon. (Received February 07, 2017)