

Abstract

This verification processing device is provided with : an inspection unit that performs model inspection on an inspection target model including a plurality of elements; a selection unit that selects at least one of the plurality of elements included in a counterexample outputted as a result of the model inspection; and an exclusion history generation unit that generates exclusion history information indicating an exclusion frequency for each of the plurality of elements. The inspection unit further performs another model inspection on the inspection target model obtained by excluding the selected element. When another counterexample has been outputted as a result of another model inspection, the exclusion history generation unit increases the exclusion frequency of the selected element and updates the exclusion history information. The selection unit selects an element that is high in the exclusion frequency, on the basis of the exclusion history information.