$$(1, a) \longmapsto a \longmapsto$$

$$A + \emptyset \xrightarrow{\operatorname{ru}_{\mathbf{A}}} A$$

$$f + \operatorname{Id}_{\emptyset} \downarrow \qquad \qquad \downarrow f$$

$$A' + \emptyset \xrightarrow{\operatorname{ru}_{\mathbf{A}'}} A'$$

$$(1, f(a)) \longmapsto f(a)$$