$$+e\ \overset{N\ \frown}{\sharp\!\!\diagdown\!\!\rfloor}\ e \ni ed + \dot{\rightarrow}$$

$$+e\ \overset{N\ \frown}{\sharp\!\!\diagdown\!\!\rfloor}\ e$$

$$\downarrow d$$

$$e\ \overset{N\ \frown}{\sharp\!\!\diagdown\!\!\rfloor^2}\ e$$

$$d\,\underline{ed+\dot{\rightarrow}} = \underline{ed+\dot{\rightarrow}}^2\,e = \underline{ed+\dot{\rightarrow}}\,\overbrace{ed+\dot{\rightarrow}}\,e = \underline{ed+\dot{\rightarrow}}\,\widehat{e\,de}+\dot{\rightarrow}\,e$$

$$= ed\,\underline{\widehat{e\,de}+\dot{\rightarrow}\,e} + \dot{\rightarrow}\,\underline{\widehat{e\,de}+\dot{\rightarrow}\,e} = e\,\widehat{de}^2 + e\,\underline{d\dot{\rightarrow}}\,e - e\,\dot{\rightarrow}\,\underline{de} + \dot{\rightarrow}\,e\,\underline{de} + \widehat{\dot{\rightarrow}}^2\,e$$

$$= e\,\widehat{de}^2 + e\,\underline{d\dot{\rightarrow}}\,e + \widehat{\dot{\rightarrow}}^2 = e\,\widehat{de}^2 + e\,\underline{d\dot{\rightarrow}+\dot{\rightarrow}^2}\,e$$