

sumdeq^{11,40}

$\text{sumdeq}(a; b)(p, q)$

$\equiv_{\text{def}} \text{case } p$
of $\text{inl}(pa) \Rightarrow \text{case } q \text{ of } \text{inl}(qa) \Rightarrow (a.1)(pa, qa) \mid \text{inr}(qb) \Rightarrow \text{ff}$
| $\text{inr}(pb) \Rightarrow \text{case } q \text{ of } \text{inl}(qa) \Rightarrow \text{ff} \mid \text{inr}(qb) \Rightarrow (b.1)(pb, qb)$