proddeq^{0,22}

$\mathrm{proddeq}(a;b)(p,q) \ \equiv_{\mathrm{def}} \ \mathrm{1of}(a)(\mathrm{1of}(p),\mathrm{1of}(q)) \wedge_2 \mathrm{1of}(b)(\mathrm{2of}(p),\mathrm{2of}(q))$

http://www.cs.cornell.edu/Info/Projects/NuPrl/FDLcontent/p0_286125_/p51_77173_{proddeq}.html