

$$\begin{aligned} 70. \quad \lim_{h \rightarrow 0} \frac{(1 - \cos h)^2}{h} &= \lim_{h \rightarrow 0} \left[ \frac{1 - \cos h}{h} (1 - \cos h) \right] \\ &= (0)(0) = 0 \end{aligned}$$