Concept Question 4-1: How is the linear range of an op amp defined?


Figure 4-3: Op-amp transfer characteristics. The linear range extends between $v_{0}=-V_{\mathrm{cc}}$ and $+V_{\mathrm{cc}}$. The slope of the line is the op-amp gain $A$

The linear range refers to the maximum possible extent of the op-amp's output voltage, which extends between the negative saturation level, $-V_{\mathrm{cc}}$ and the positive saturation level, $+V_{\mathrm{cc}}$.

