







Duration and Convexity

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Example

A 10-year bond has a modified duration of 6 years and is currently trading at HK\$9,850. What will the bond price be if the yield decreases by 0.1%?

\$ change = -D
$$\times \triangle$$
 y x price
= -6 x -0.001 x 9,850
= 59.1

Therefore, new bond price will be HK\$9,909.10



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