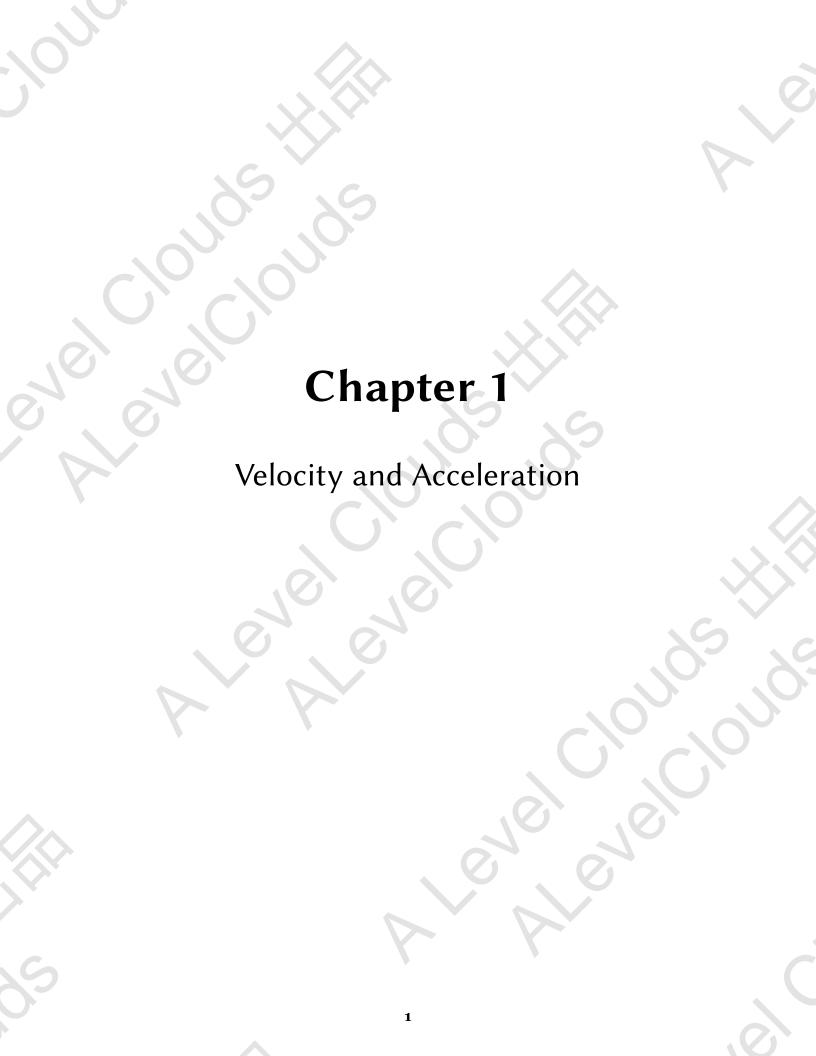
CIE Mechanics 分类真题 2020-2022 册

A Level Clouds 出品

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Q1: 9709/42/M20

| with | is speed $4.5 \mathrm{m s^{-1}}$. The distance AB is | along each of the sections \overrightarrow{AB} and \overrightarrow{BC} and passes through \overrightarrow{B} of the distance \overrightarrow{BC} . |
|------|--|--|
| (a) | Find the acceleration of the cyclist. | [5] |
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A cyclist travels along a straight road with constant acceleration. He passes through points A, B and

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| (b) | Find AC . | | | [2] |
| (D) | Tilld AC. | | | [2] |
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Q2: 9709/41/S20

| (a) Find the greatest height above the ground reached by <i>P</i> . | |
|--|-------------|
| (b) Find the length of time for which <i>P</i> is at a height of more than 3.6 m above | |
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