

Section 7.4. Centroids of Volumes and Lines

Note. The centroid of the path L is

$$\bar{x} = \frac{\int_L x \, dL}{\int_L dL}, \quad \bar{y} = \frac{\int_L y \, dL}{\int_L dL}, \quad \text{and} \quad \bar{z} = \frac{\int_L z \, dL}{\int_L dL}.$$

Note. Centroids of volumes and lines are computed in a manner similar to that of composite areas (see page 355).

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