

### Plane Trigonometry

The trigonometric ratios.—Definition.—Measures of angles and arcs.—Signs of trigonometric ratios, variations of trigonometric functions.

Trigonometrical functions of an arc.

Relations between the trigonometrical functions of an arc.

Trigonometrical functions of an angle.

Relations between the trigonometrical functions of an angle.

Use of logarithmic tables.

Solution of right-angled triangles and demonstration of formulae relating to right-angled triangles.

Solution of oblique-angled triangles.

Height and distances.—Area of a triangle.

Problems.

*Text-Books* :—“Trigonométrie des Frères”.—“Trigonométrie de A. Cambier”.—Elementary trigonometry, Hall & Knight.

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