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B.A./B.Sc. Semester-II

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$$\frac{\partial(x, y, z)}{\partial(r, \theta, \phi)}$$

$$= \begin{vmatrix} \frac{\partial x}{\partial r} & \frac{\partial x}{\partial \theta} & \frac{\partial x}{\partial \phi} \\ \frac{\partial y}{\partial r} & \frac{\partial y}{\partial \theta} & \frac{\partial y}{\partial \phi} \\ \frac{\partial z}{\partial r} & \frac{\partial z}{\partial \theta} & \frac{\partial z}{\partial \phi} \end{vmatrix}$$

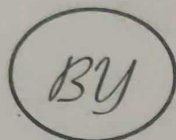


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SPECTRUM

CALCULUS

for
B.A./B.Sc.
SEMESTER-II
G.N.D.U.



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