



UGC & Govt. Approved

Sonargaon University (SU)

সোনারগাঁও ইউনিভার্সিটি (এসইউ)

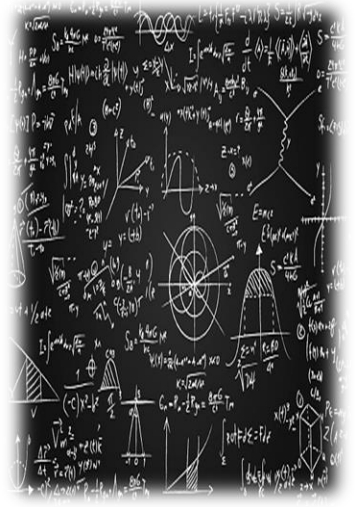


2nd Order Dif. Equations

Case 1 $\rightarrow y = C_1 e^{r_1 x} + C_2 e^{r_2 x}$

Case 2 $\rightarrow y = C_1 e^{rx} + C_2 x e^{rx}$

Case 3 $\rightarrow y = e^{\alpha x} [C_1 \cos(\beta x) + C_2 \sin(\beta x)]$



ASSIGNMENT SUBMISSION

ON

Second order of differentials equation

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