DE&VC UNIT 3

PRACTICE PROBLEMS

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|  | Find the partial differential equation by eliminating ‘a’ and ‘b’ from |
|  | Generate a partial differential equation by eliminating arbitrary constants a and b from |
|  | Generate the partial differential equation by eliminating the arbitrary function from |
|  | Generate a Partial differential equation by eliminating the arbitrary function from |
|  | By eliminating arbitrary function, find the partial differential equation from |
|  | Generate a Partial differential equation by eliminating the arbitrary function from |
|  | Generate a Partial differential equation by eliminating the arbitrary function from |
|  | Form a partial differential equation by eliminating the arbitrary functions f(x) and g(y) from Z = y f(x) + x g(y). |
|  | Solve the Lagrange’s equation |
|  | Solve the Lagrange’s equation ) |
|  | Obtain the general solution of the Lagrange’s partial differential equation |
|  | Solve the Lagrange’s equation |
|  | Find the general solution of the Lagrange’s equation |
|  | Solve |
|  | Solve |