

Course: Calculus and analytical geometry
course code: MT1003

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Project's - Used-variable-key

<i>Symbol Used</i>	<i>Used for...</i>
X	<i>External length of cube</i>
$Y = (x-12)$	<i>Internal length of cube</i>
n	<i>Number of steel bars</i>
V_t	<i>Volume of tank</i>
V_c	<i>Volume of water capacity</i>
$V_t - V_c = V_{walls}$	<i>Volume of walls of tank</i>
V_{bars}	<i>Volume of steel bars/mesh</i>
V_{CSC}	<i>Volume of Concrete+Sand+Crush</i>
$C_{(x)}$	<i>Cost function w/ 'x'</i>
$C'_{(x)}$	<i>First derivative of cost function</i>
$C''_{(x)}$	<i>double derivative of cost function</i>

Further variables...

- ***Steel_Cost***
- ***Cost_Cement***
- ***Cost_Sand***
- ***Cost_Crush***