| 2000 | 11(61740) 103) |
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| | JAMES ONTERACHS MATHAMIEL |
| | MATIOI ATTIGNMENT |
| | MEGHATAONICC ENGINEERING |
| | |
| | 1 If A &B are points (5,3) & (15,-7) respectively. find the |
| | coordinates 8 de point which divides the externally in vatio 3:1 |
| | 58m |
| | Let $x_1 = S$ $y_1 = 3$ |
| | 7/2 = 15 $42 = -7$ |
| - | m:n = 3:1 |
| | P = [Mx2 +nx1 , My2 -ny,] |
| | $\left(m-n \right)$ |
| 3 | = (3(5)-1(5) 3(-7)-1(3)) |
| | 3-1 |
| _ | |
| | $= \left(\frac{45-5}{2}, -21-3\right)$ |
| <i>a</i> | |
| 3 | $= \left(\frac{t_0}{L}, -\frac{2t}{L}\right)$ |
| 3 | |
| -3 | = (n, -12) |
| | |
| | |
| 2 | |
| | |
| 8 | |
| 3 | |
| 1 | |
| | |