ING282 Tayosola Olivationolphin Whichael 16/2NQ82 019 Compreter Engeneerono. Mathematical model 53 a description of a system using mathematical concepts and larguage. Il of developone amathematorsal model is terme Vata Analysis 1 this enables the methods engineer to make discose about squal thirds including purpose of the open part dreign characteristies, specifications and tolk Project Selection Methods engineers typically work on properts hisoheng ment product design, products with a High cost of production to proper routes and products associated with having poor quality 35×183 (Duestion 2. r= (+2+3+)i-2sor3t; +322 K. 2++3)i-6costj +6l2t K. 02, 2 2i + 185m3tj + 12e2t K. 2 2i + 185m3(0) + 12 l2(0) k 12(1) K

) -) Az (n2y) i + (ny+yz) j + (nz²) K.
Bz(yz)i-3xzj+2nyk.
Dz 3n2y + nyz - 4y2 Z² - 3
1) \\ \(\frac{1}{2} \left(\text{6ny+y2} \right) i + \left(\text{3n}^2 + \text{nz} - 8jZ \right) i + \left(\text{ny} - 8y^2z \right) i \\ \text{at count (1,21)} \\ \text{at count (1,21)} \\ \end{at}
at point (1,21)
at point (1,21) 60)(2) +20)) 0 + 30)2+00(0) -8(2)(0)2) + (0)(2) -8(2)(0)) +
VO2140-12j-30k
NØ23[14: -4; -10k)
W) V.A 2 8 dn + 8 dy + 8 dz
2 2mj + (n+2) -1 2n2-
V. Az 201)(2) + (1+1) +201)(1)
at (*12,1) *** A = 4 + 2 + 2
W. Az 4+2+2
TXB = i S/s
ldn ldy 22
32 -37
1 of Carry - 2 Canz) - j d (2my) - d (yz)
+ K d (-3nz) - d (ya)
TXB = O(2n+3n) - i (2y-y) + K(-32-2)
VXB 25ni - Yj +ZK

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Boshauta grad day A = V (VA) V2A da (da) + dy (da) + d (da)
da (da) dup A = 2 mp + (n+z) + 2 x 2. grad dus A = [2y+1+2z] i -1(2n); + (+2n). praddyA 2 2027+1 (2)(1)] + (201) j + 1+21 grad dyAz Fifzj +3K. Crowl A = i si k In sy dz ny (nytyz) nz i (d (nz²) -d (nytyz) -j (d (nz²)-d (wy) + K [d (my+ yz) - dy (nzy)). i Co-y - 1 Cz2-0] + K [y-an) -yi-22; +(1-n2) n Curl A