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Kalkulus tugas Pertemuan 13
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                                 Kelas: TIMFC - 2021-01 (A)
 1. Hitunglah integral tentu berikut:
  9. J-1 (3x2-2x+3) dx
     = 3 \( \frac{1}{1} \times^2 - 2 \int_{-1}^2 \times + 3 \, \, \times \)
       3 x3 - 2 x2 + 3 x 72
     = [X^3 - X^2 + 3X]_{-1}^2
     = (2^{3}-2^{2}+3(2))-((-1)^{3}-(-1)^{2}+3(-1))
JOYKO 36 Lines, 6 mm
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-2 cos go°) - (-2 cos 30°)
2. Misalkan bahwa: lof(x) dx = 2, \( if(x) dx = 3, \log(x) dx = \)
          lo g(x) dx = 4. Hitunglah
   b. \[ \frac{1}{2} \left[ 2 f(x) + 5 g(x) \right] dx
     = 2 /2 f(x) dx + 5 /2 g(x) dx
     = 2 [-\int_{1}^{2} f(x) dx] + 5 [-\int_{1}^{2} g(x) dx]
     = 2 [-[2 f(x) dx] + 5 [-[0 g(x) dx + [2 g(x) dx]
     = 2[-[2f(x) dx]+5[-[-[g(x) dx+[2g(x) dx]
        2 (-3) + 5 (-1+4)
  c. si [3f(x) + 2g(x)] dx
    = 3 ], f(x) dx + 2 [, g(x) dx
    = 3 [- [' f(x) dx] + 2 [- [' g(x) dx]
JOYKO 36 Lines, 6 mm
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