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Fixin +Fix, = Fix, +Fi Xa4

Subrines X2 = Kh dan Your = +Your

Film + Film = Fil + Filour

F, Yn + 72 k7, - F, Y, - 72 k Yout = 0

Masukan nila:

ti = 900 kg/h

Yin = 0,1 F

tz = 800 kg/h

X .. = 0

k = 5

400 (0,1) + 800 (5) Y, - (400) Y, - (800) (5) Yout = 0

40 + 4000 Y, - 400 Y, - 4000 Your =0

40 + 3600 Y, - 4000 Your = 0

(1) .... 3600 Y. - 4000 Your = 40

Mossa 2 - F. Y. + F. Y. = F. Y. + F. X.

Subtifus: X, = k Y, dan X2: k /2

F、Y、+夫となっ下、な+むとY、

Fix, + Fix -Fix- Fix- Fix1=0

Mosukan nicai

T, = 400

Yn = 0,1

Fz = 800

Xin = 0

k = €

400 Y, + 800(5) Y2 - \$00 X2 - 800(5) Y, =0

4007, + 4000 Yr - 400 Yr - 4000 Yr =0

(2)---- - 3600 Y, + 3600 Yz =0

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Messa 3
    Fix + fix= Fix + Fix2
     Substitusi X, = k/, dan X2 = k/2
           デスナガン= デアン+ ガトグ
    FIX+Fikis -Fix - Fakis = 0
   Magukan nilai
   F,=400
                             400 /2 + 800 (5) /3 - 800 /3 - 800 (5) /2 =0
   Yin = 0,1
                              900 /2 + 4000 /3 - 4007 - 4000 /2 =0
   Fr PPO
                        (3) -- 3600 Y2 + 3600 Y3 =0
   ×m = 0
    k=5
  Massa 4
  Fi /3 + F2 X4 = Fi X4 + F2 X3
   Subtitusi X = KY, dar X2 = KY3
           Fix3 + Fik Yy = t, Yy + Fik Y3
  Fix + Faky - Fix - Fix =0
 Masukan nilai
  Fi= 400
                         400 73 + 800 (5) /4 - 400 /4 - 800 (5) /3 =0
  Yin = 0,1
                               $100 Yz + 4000 Y4 - 400 Y4 - 4000 Yz =0
  Tr = 800
                       (y)_{--} - 3600 y_3 + 3600 y_4 = 0
  X1 = 0
   k = 5
  maysa 5
  Fixy + Ty Xin = Fi Your + Fr Xy
  Bublings X, = kY, dan Xz = kYz
           Fi Yy + Fz Xin = Fi Your + Fz kX
  4 4 + Fr Xm - Fr Your - Fr Kx =0
                                400 /4 + 800 (0) - 400 Your - 800 (5) /4 =0
  masulcar nipi
Fi = 400 Xin = 0
                                              400 Yy - 400 Your - 4000 Yy =0
Yin = 0,1
           k = 5
                              (5) -- - 3600 Yy - 400 Your =0
Fr = 800
```

$$3600 \, Y_1 - 4000 \, Y_{01} = -40$$
 $-3600 \, Y_1 + 3600 \, Y_2 = 0$ 
 $-3600 \, Y_2 + 3600 \, Y_3 = 0$ 
 $-3600 \, Y_3 + 3600 \, Y_4 = 0$ 
 $-3600 \, Y_4 - 400 \, Y_{01} = 0$ 

$$A = \begin{bmatrix} 3600 & 0 & 0 & 0 & -4000 \\ -3600 & 3600 & 0 & 0 & 0 \\ 0 & -3600 & 3600 & 0 & 0 \\ 0 & 0 & -3600 & 3600 & 0 \\ 0 & 0 & 0 & -3600 & -400 \end{bmatrix}$$