

```
d) xe = (-0.02+a) xe + [-0.02+a+(0.1+6) Fi] xc + d
    2 [xe = (-0.02+a)xe + [-0.02+a+(0.1+b)F]xe+d]
  SXe-Xe(0) = (-0.02+a)Xe+[-0.02+a+(0.1+b)Fi]=+ ==
 SXe-Xe(0)-(0.02+a)Xe = [-0.02+a+(0.1+b)Fi] = + =
  XcS(S+0.02-a) = [-0.02+a+(0.1+b)Fi] + d + Sxe(0)
     \chi_{c} = \frac{[-0.02 + \alpha + (0.1 + 6)F_{1}]}{s(s+0.02-\alpha)} + \frac{d}{s(s+0.02-\alpha)} + \frac{\chi_{c}(s)}{(s+0.02-\alpha)}
Utilizing Partial Fraction Expansion
                      A(s+0.02-a) + B(s) = -0.02 + a + (0.1+6)(0.2)
   \frac{A}{5} + \frac{B}{S+0.02-a} \frac{A(S+0.02-a)}{S+0.02+a} = -0.02+a+.02+0.26
                A(s+0.02-a)+B(s) = a+0.26
            1 5=0: A(0+0.02-a)+B(0) = a+0.26
                      A(0.02-a) = a+0.26
           if s=-.02+a: A(0) + B(-.02+a) = a+0.26
                                  B = 0.26
-:02+a
                  C(s+0.02-a) + D(s) = d
      S+0.02-a
                 If s=0 ! ((0.02-a)+D(0) = d
                                     C= d/0.02-a
                 if s=-0.02+a' c(0) + D(-0.02+a) = d
                                           D= d/-0.02+a
```



