











Steps for solving problems with feedback

1. Calculate K and Δ
2. Do 2 port to 3 port conversion (see notes)
3. Assume $a\_{3}=Γ\_{f}b\_{3}$
4. Calculate $C\_{1}^{1} r\_{1}^{1 }C\_{2}^{1} r\_{2}^{1}$
5. Calculate S11\_max and S\_22max
6. Calculate $z\_{f}$
7. Calculate $Γ\_{f}$
8. Recalculate S\_11, S\_12, S\_21 and S\_22