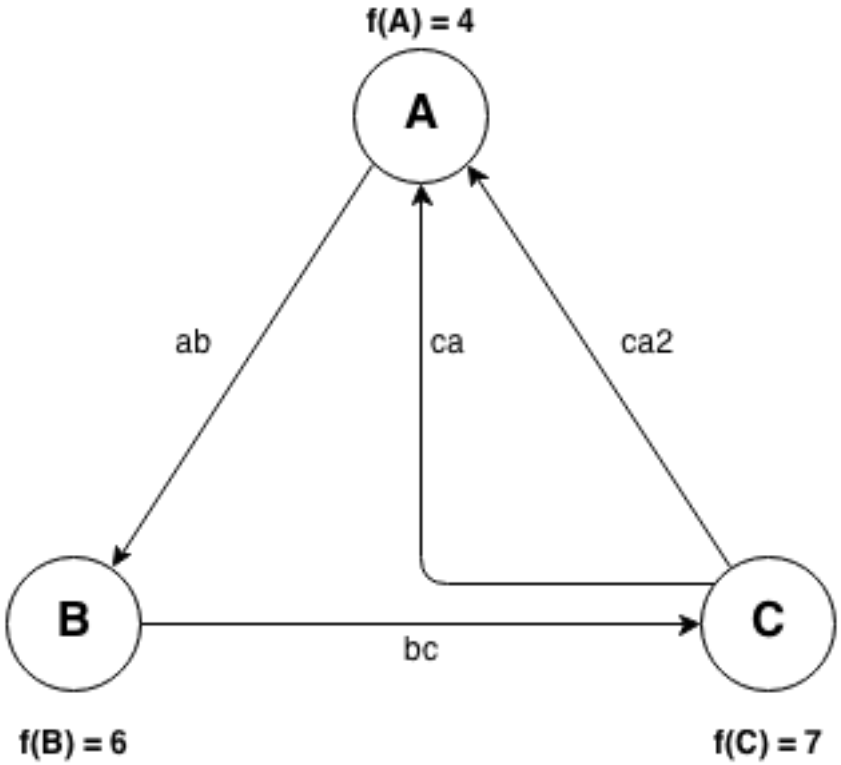
Computing debt cuts leading to global zero-equity - example

May 9, 2014



ab $(3, 0.14, \infty, 1)$,

bc $(2, 0.11, 4, 1.4)$,

ca $(2.5, 0.05, 6, 0.5)$,

ca2 $(1, 0.27, \infty, 1.7)$.

Equilibrium equation for node A:

$$\begin{aligned}
\Xi[ab]e^{0.14(11.7-6)} - \Xi[ca]\Big(1+\frac{0.05}{6}\Big)^{\lfloor 6(11.7-4)\rfloor} - \Xi[ca2]e^{0.27(11.7-4)} = \\
\underline{2.221\,\Xi[ab] - 1.464\,\Xi[ca] - 7.996\,\Xi[ca2]} = \\
\mathfrak{C}_{T_G}(3e^{0.14(6-1),0.14,\infty,6}) - \\
\mathfrak{C}_{T_G}(2.5\Big(1+\frac{0.05}{6}\Big)^{\lfloor 6(4-0.5)\rfloor}, 0.05, 6, 4) - \\
\mathfrak{C}_{T_G}(e^{0.27(4-1.7)}, 0.27, \infty, 4) = \\
\mathfrak{C}_{T_G}(6.041, 0.14, \infty, 6) - \mathfrak{C}_{T_G}(2.975, 0.05, 6, 4) - \mathfrak{C}_{T_G}(1.861, 0.27, \infty, 4)
\end{aligned}$$