

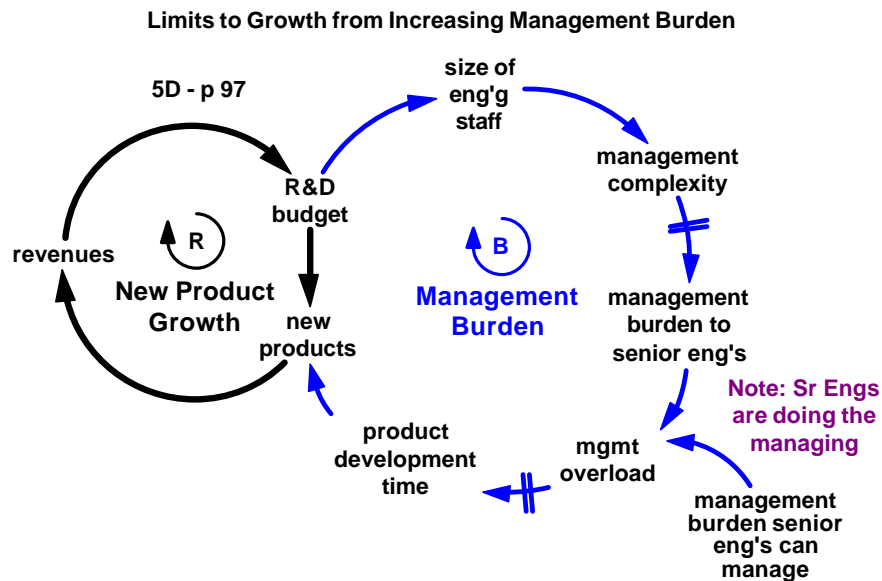
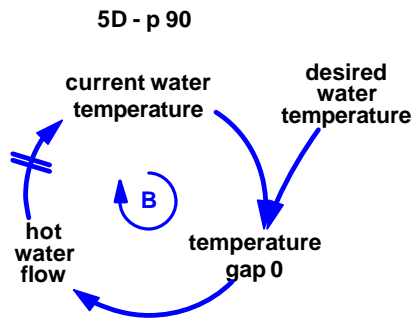
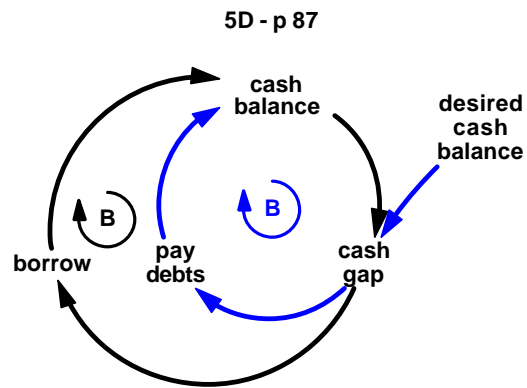
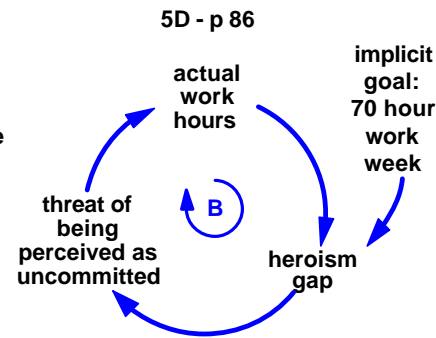
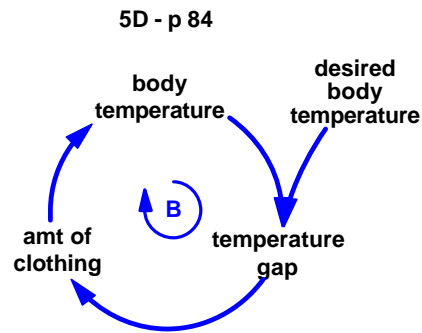
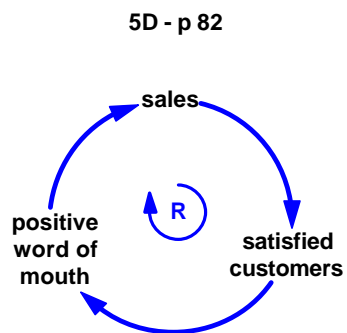
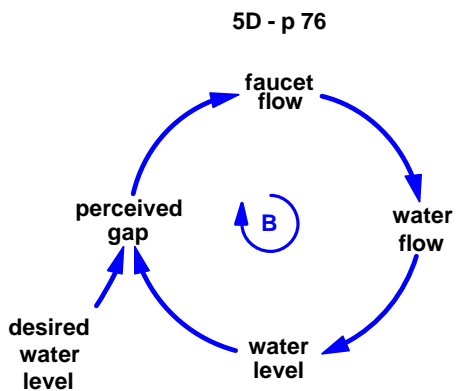
MGM 315 Assignment for Class 5, 11/05/03 - Answer review in Class 6, 11/12/03

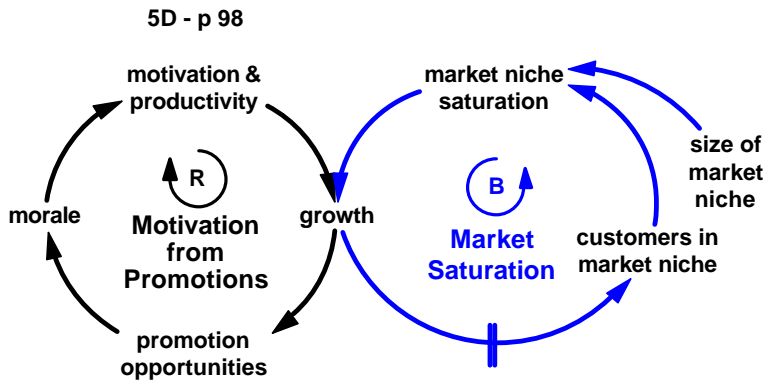
Here are modified diagrams from the Fifth Discipline (FD) and Fifth Discipline Fieldbook (5DF). The diagrams in the texts take liberties with the variables and structures in that many are insufficiently specific to allow indicating link polarities. Such precision is necessary for creating simulation models.

In addition, the diagrams below explicitly show the reference for all balancing loops and some show the stock and flow structure. As you read the textbooks, note the differences between the texts' diagrams and the diagrams below.

For practice using the languages of causal loops and stocks & flows, label the links as "S" or "O" influences. Check that the loops are reinforcing or balancing as indicated.

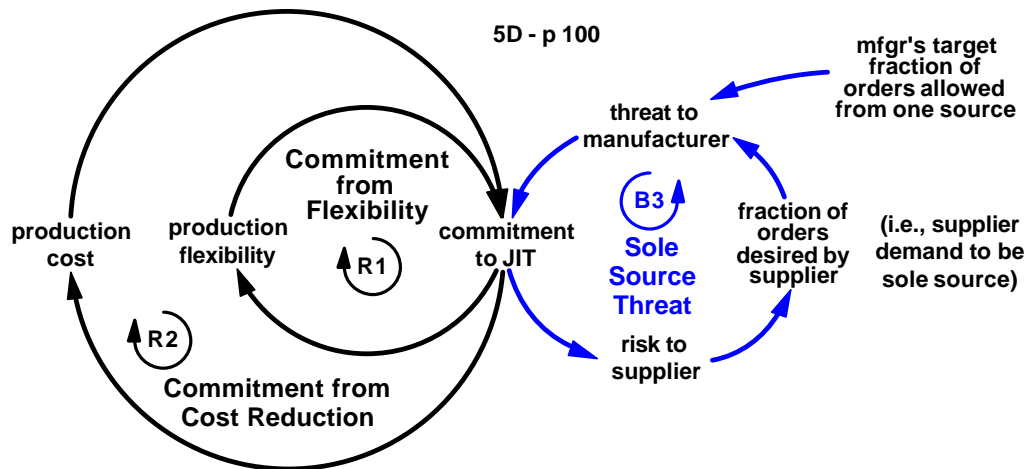
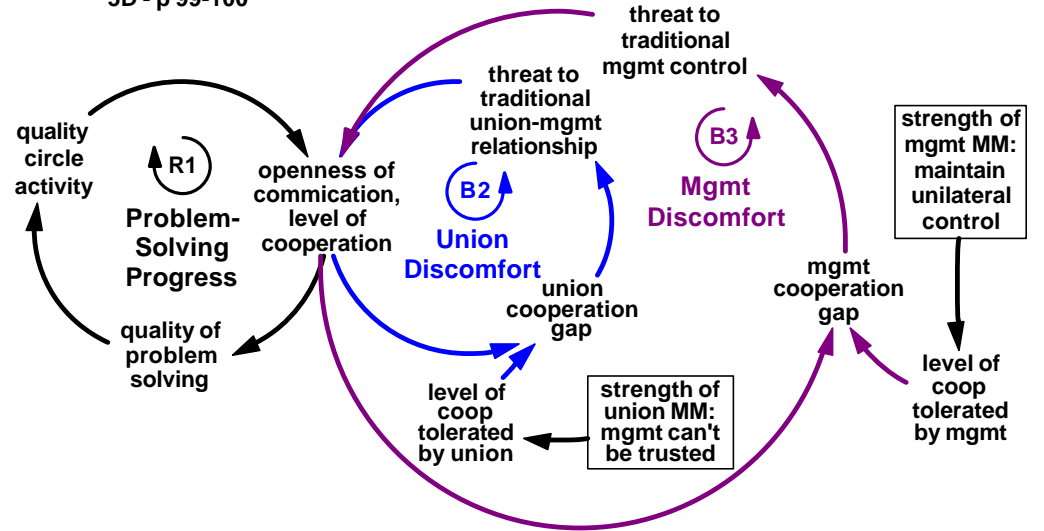
gap = target - actual ... or ... gap = desired - actual



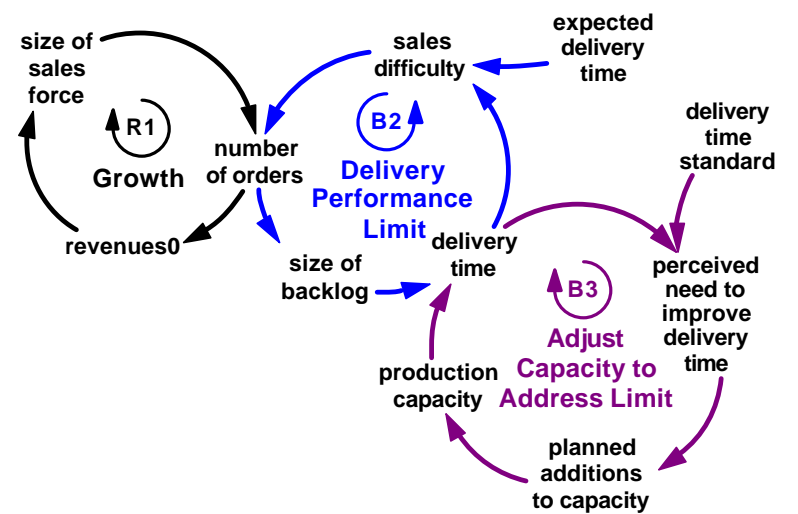


Limits to Growth, explicitly showing Mental Model influences

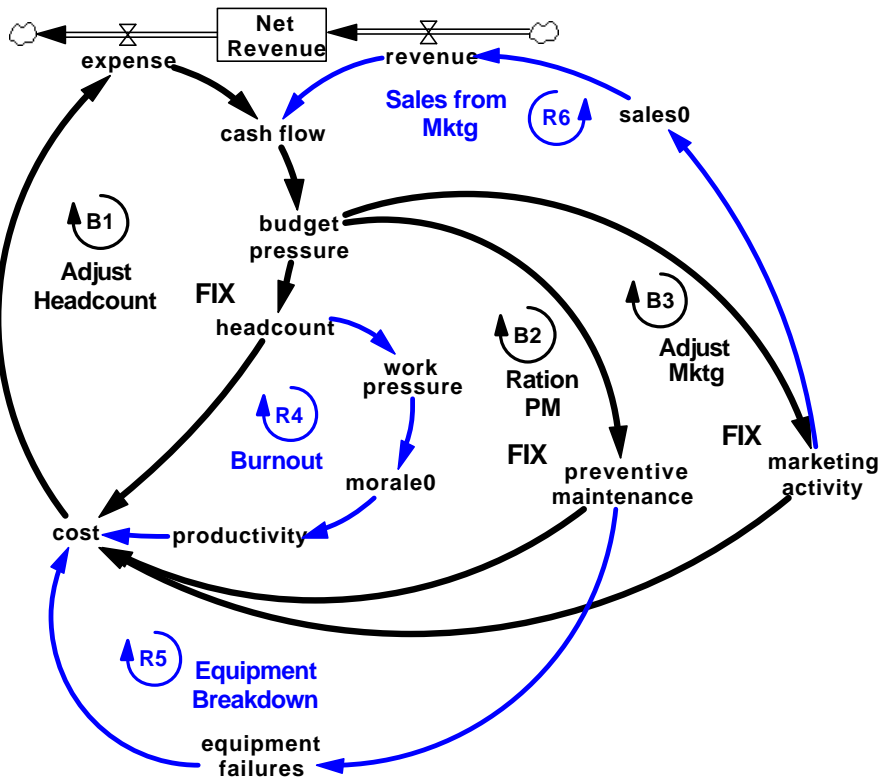
5D - p 99-100



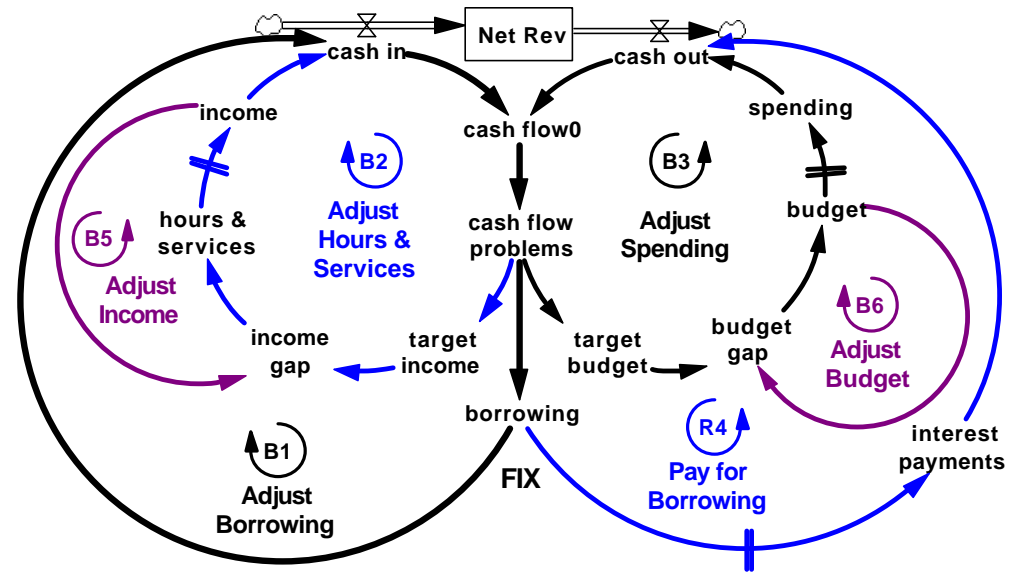
5D - pp. 118, 120, 123 Growth and Underinvestment



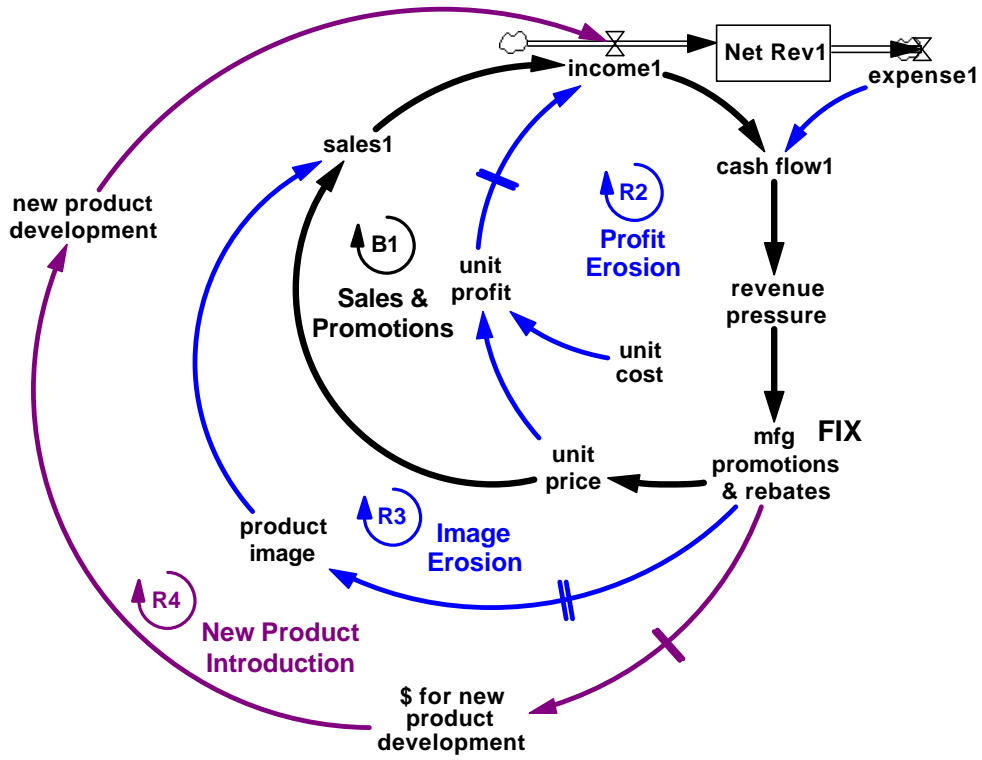
5DF - p. 163 3 Fixes (Bs) & 3 Failures (Rs)



5DF - p. 166 Borrowing Fix (B1) Must Be Paid for (R4) Hours/Services Adjustments (B2) & Spending Adjustments (B3) Work



Side Effects of the Sales & Promotions Fix (B1)



An Example Stock Adjustment Structure

