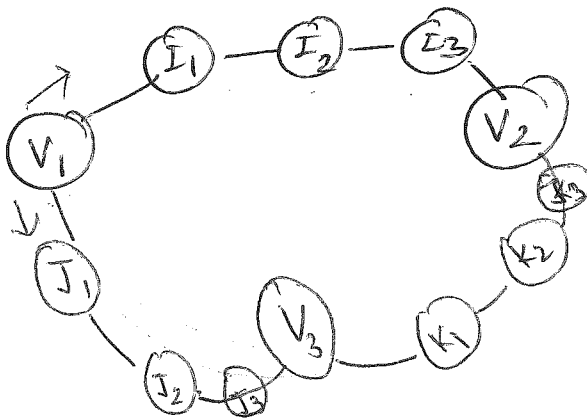
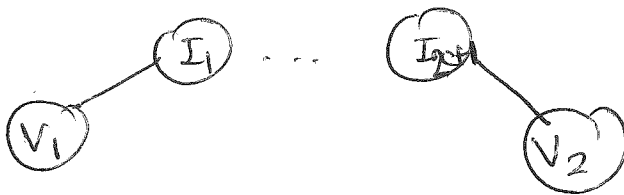


Even parity:

$V_1 : 0000 \ 0000 \ 0^P \rightarrow \text{valid code word}$

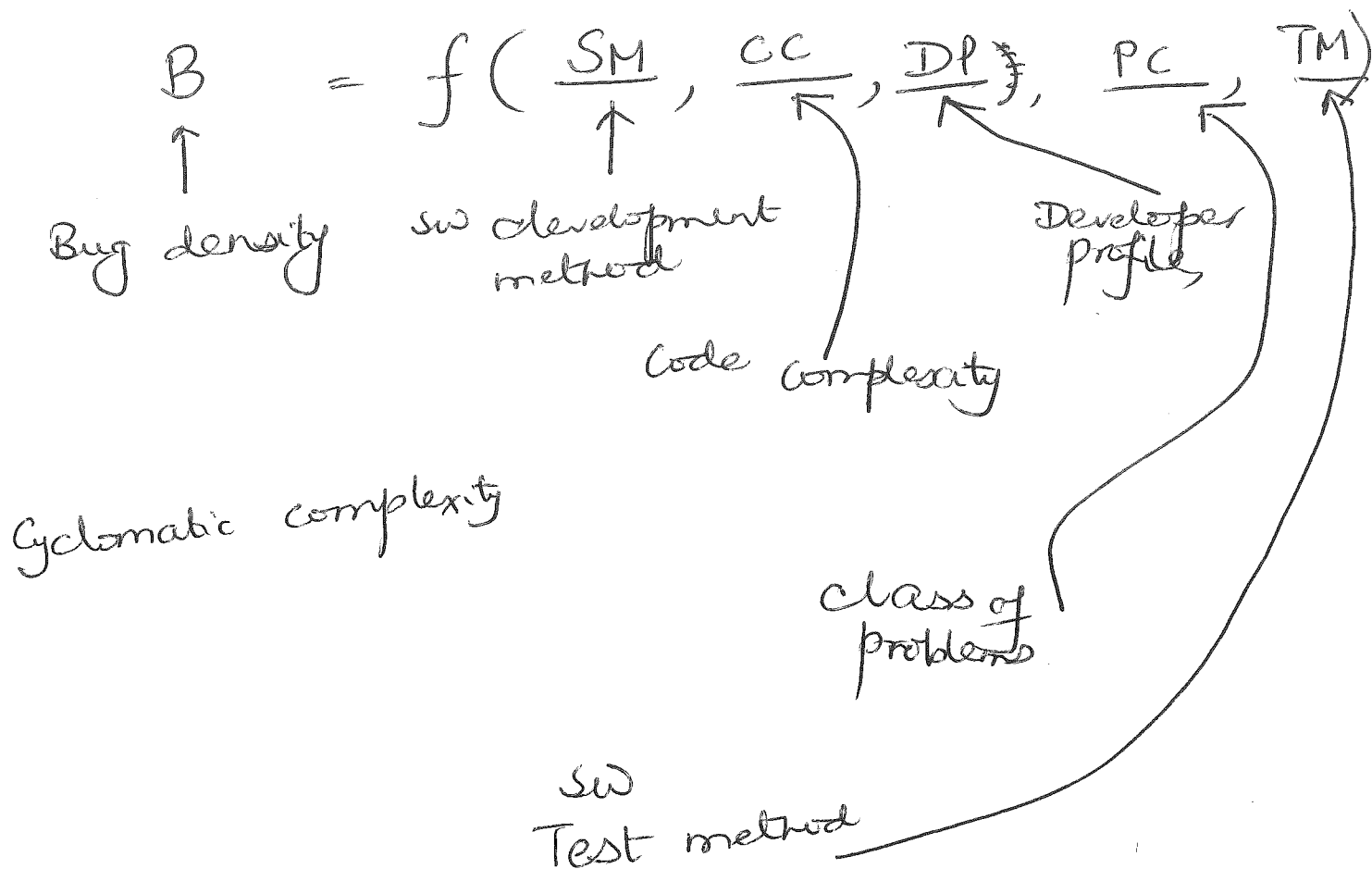
$I_1 : 0000 \ 0001 \ 0 \rightarrow \text{Invalid code word.}$



# Software Fault Tolerance

1-4 software bugs every KLOC.

Software fault model



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n branch points in your program (each branch can take a TRUE or a FALSE edge)

# paths in your program? (Range).