

Sketch should be:

1. Very brief "Why bother."
2. Detailed "how to compute".
3. Very brief "how arose".

How to compute

① (mild formula: word in V_i, C_i, W_i)

↓ modify word
while manipulating
formula

① (invariant: $V C W$)

↑
better if $C W$!

Or elf? Or p_q or q_p?