Addendum to ZVTdiode RR.pdf

pp. 7-8: simplification of the circuit model for interval 4'. The original circuit is

![Circuit Diagram]

Push everything through the transformer to winding sec1. First, let's push capacitor $C_{dc}$. $C_{dc}$ is originally connected across both sec1 and sec2.

![Circuit Diagram]

This autotransformer connection is the same as a transformer having turns ratio $2n:n$. (next page)
So the circuit becomes

Now push \( V_g \) and \( L_c \):

which is the circuit shown on p. 8.