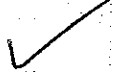


Problem 10

Call the distinct edge-simple chains ch_1 and ch_2 and construct a vertex-simple cycle c_y as follows. If either ch_1 or ch_2 is not vertex-simple, then start c_y at any vertex v which appears more than once and follow the chain until it returns to v . Otherwise, start c_y at the last vertex at or after s incident to both ch_1 and ch_2 , follow ch_1 until the first vertex before or at t incident to both chains and return via ch_2 .



Niall Smith