

DISCUSSION AFTER PAPER BY FAULKNER

Hazlehurst to Vilhu: Have you tested your models for secular stability? Some rough calculations which I have made indicate that they are likely to be secularly unstable.

Vilhu: No, and at the moment I cannot say whether you are right. For models with different K-values for the components there is an unsolved problem of the equilibrium between the energy exchange and the degree of contact. My purpose was just to investigate how a considerably large helium core can be formed starting from a very close system and under the assumptions made about the mass and energy exchange. If it turns out that the stability conditions will put severe restrictions, some other ideas should be investigated.