

## **2-D MODEL OF A CONCENTRATED SHELL WITH MAGNETIC FIELD**

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Both electron heat conductivity factor and alpha particle range are known to decrease in magnetic field, so thermonuclear mixture ignition is feasible at lower densities, which reduces the target sensitivity to the temperature field asymmetry on the capsule surface. As known, the 1D ultra fine shell model can be used to estimate the new density level. This paper estimates a 2D perturbation level that does not impede the ignition in the presence of magnetic field.