1 Questions for professor Sundqvist

- pcyg.f90: what is the paramter p?

- pcyg.f90: what is meant by Eddington limb-darkening?

- Sundqvist+ 2009: what is the geometry of a *slice*?

- CMFAA course notes p.13 (the example) what is understood by plane-parallel geometry and is it 1D or 2D?

- CMFAA course notes p.15: why is this called diffusion $F = T^3 \dfrac{dT}{dx}$ (flux proportional to local gradient in temperature)?

- unclassified: what is the terminal velocity v_∞?

- unclassified: what is Sobo-distribution?

2 Questions for professor Samaey

- what is the difference between Monte Carlo and equation-free computing?

3 Solved questions

- Sundqvist+ 2009: what is thermal velocity (see Wikipedia)

- Sundqvist+ 2009: what is line force (see explanation Dylan)

- unclassified: what is a flux limiter? (see course notes)

- unclassified: what is cross section of scattering (see Wikipedia)

- Puls manual: p.26: how does the Milne equation appear? (see library book)