Kershaws scheme on unstructured grid

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Legacy numerical technics dating from the 60's-80's are described by way of finite difference standard that does not follow modern numerical analysis notations and reasoning. For instance structured mesh framework enslaves the key features of these methods and their basic principles remain surprisingly ignored by many readers accustomed to finite elements.

This is true for papers related to lagrangian hydro schemes but also for those concerning diffusion operator discretization on distorted mesh.

A good paradigm is Kershaw's scheme (1981) - which is still quite popular among ICF codes users - that we try to excavate to be able to expose its ability to deal with unstructured mesh in any dimension.

With regards to the low cost of this algorithm and the sufficiently good results it provides on realistic grids, we think it deserves at least new description.