Subject: SWEEP EFFICIENCY CALCULATION ALGORITHM

Posted by chanm on Sun, 21 Apr 1996 07:00:00 GMT

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Does anyone have an IDL widget or know of a calculation algorithm for determining the percentage volume swept by a stream of particles 'flowing' through a volume from one end to the other? The volume is 3D and contains, isolated and randomnly situated, impermeable 3D sub-regions which the particle flowing through must go around (as in the case of air flowing around abstacles in its flow path). Suggestions on solving such problems using IDL appreciated.