Residual is same as if there were no disc, it only affects solution at the miller will cert the them. The solp at the is 4 the the them.

 $\mathcal{L} = \mathcal{L}'(R) \Big|_{t=torl}$ 

· Source comes from - 124 term. Lookat R, only source at till

• Integrate to get total strength

In terms of transport, this source would be added to residual in each cell, but particles are innediately killed, so

$$y^{\text{AH,eH}} = y^{\text{(AH)}(e)} + e^{\text{(e+1)}} + (y^{\text{(AH)}(e)} + e^{\text{(e+1)}})$$

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$$e^{\text{(AH)}(e)} = y^{\text{(AH)}(e)} + e^{\text{(e+1)}} + e^{\text{(e+1)}} + e^{\text{(e+1)}} + e^{\text{(e+1)}}$$

$$e^{\text{(AH)}(e)} = y^{\text{(AH)}(e)} + e^{\text{(e+1)}} + e$$

·One cell P.D. - space 1/m 1/3/20 34 + 04=0, 96+06=R=-94-07=-(4-4m)S(xy)-04-(432-4)S(x) Ee-0= Sedy=-(4,-4in)e-4,ex)-(43,-4,)e Ee = Yin-4-4ex+4, -43e +4exh E= Vine - 43/2

Vexact = 43/2 + 4ine = 4ine - 5/3/2

Vine - 43/2

Negleoting R3h; then add it back on the She of the S(4) (4-43/2)

E=4/ne - 1/1+4/e + 5/1/e S(4) (4-43/2)

Integrate Strom - Stimble to the limit as S-50

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$$\frac{1}{C} \int_{A} \int$$