~ I so tropic Hardening Monotonia Elustre-Plastre for Power-Law

AECI 11 <u>></u> J= (F-Fyo (1+a4)"
2-F-Fyo (1+a4)"

0 0 0 34/20 20/20 12/20

j = / HE(E-EP)-Fron(1+ Ch)n-1 q g -AF (E-E) - Fonchay)"-a

Using G = F EP

J= (AF(E-EP) - Fyon (1+ala) 1-1 a F EP (-AE(E-EN) - Fyon (1+ala) 1-1 a F EP

J=0=46(8-80)-Fyo(1+a4)11-16F8 ) |-|-Taking first case, for physic flow Using EP = 18E

- AEE-AEBE- Fyon (14a 4)"-1aF-13E

E +0, Thus I has to be zero O=EAEB-FronchaeingFB]

for 13 AE, solving AEB+FronchaningFB=AE Dividing through by

1+ Exona (1+a4) n-1/F 11