

DICONTINUITY CONDITIONS, ATA = R E1=808+ 82=80 E + 5 10 RM -1 (Am SIN (mp) + Bm cos(mp)) = =- to cosq + Z(-m)R (Cm sin(m9) + Dm cos (m9)) EQUATING SIN TERMS: ME AM = - NE CM

M#1 COS TERMS! NEW AM = - NE CM

Ex NEW BM = - 12 P - 1 - 1 Dm M=1 COS TETEMS: E+ B, = - E0 - D, R COMPARE THESE WITH CONTENTS OF STATE OF EQUATIONS FROM CONTINUITY OF VA, Ex 71: Am= cm = 0 FOR m=1: Bm=Dm=0 SURVIVING EQS: ENBI = - to - DIR RB, = - EOR + PI

THOM GET V, (POT. WSITE) $V_{1} = V \frac{-2\varepsilon_{0}}{\varepsilon_{+}+1} \cos \rho = \frac{2\varepsilon_{0}}{\varepsilon_{+}+1} + \cos \rho \left(= \frac{-2\varepsilon_{0}}{\varepsilon_{+}+1} \right)$ THE COOPP AXIS PATTALBEL WI FIELD. V2= 1-18+-1 EOR2 COSP-EOM COSP = \frac{\xi + - 1}{\xi + 1} \frac{\xi \pi \pi}{\xi + 1} \frac{\xi \pi \pi}{\xi} \cos \P - \bar{\xi} \cos \P >UNIFORM FIELD

INSIDE -