Therenin's Theorem Problem Determine 1 m c a good N through 1.5 sq Arphing KUL to mesh O -971-7.5 (71-72)-671= 0 5 alving I2= -3A, I1=-1A VTH= VAB= - (-572-61) =-6-5(-3)-6(-1)Stop II Stepth VTH = 15V Nortan's Theorem Complex (Muit Nortan's equivalent (&r Step (1): >Short the branch desigtance through which current is to be calculated. 2) Objain the current of through this short craited brance. This it current IN 3) callwate RN as viewed through the two terminals of the branch GOM WHICH WARM IS to be cal culared (4) Dray Nortan's Equivalent. Sheconner the branch 2007 Janue Calculate to required curant. By Nortan's theosem, find (UNSONT 3015200 Conculation of In SHPI By expressing (work in common branch I3-I2=2 < By applying KNL to Super mesh -6-2(I2-I)-0 2II - 2I2-6-(3) SHEPIT CALMATION OF RM RN-AB-2-2 Step III Callulation & IL TN=4APN=2