Artificial Starting Johnof Stack & artificial war thed Feasibility - solletes constraints by club values of vars les Astificial ceaves optemalty - man funder value - if any constraint has ve PHS, × 1. La Susplus initially Graphical > 1. Defene obje) Sconvert to equality 2. Draw constraints > Draw une for Summasy -> + Stack ver Solve 3. Find vertices All = L> Drew arrows -> + Artificial var ALL E nosect semplese of feasible region a phase A. Find value of obj @ restices ≥ -> - Susplus var Men + Artificial var 5. prof the max/ min value men Man ts introduce artificial vass ;
m very large ; transposed object
artificial outle-entering -> 1. RHS the -> else, multiply by 67 MRI General +MRI 2. Convert inequality to equality add stack your Semplex MR2 +MR2 Placet 2+MB 3. (ranspose objl) 2 -MRI s you transformation to exting 1 MR2 +MR2 4. School fentering diminate Rights in 2 sow L3 solute as met ve usual. least ratio man 2 phase method men most tre least ratio Phase 17 R= min ERe to toursform Re as o in R sow 6. Check optimelity obj() colf =0+ Lo colve as usual Phase 2 artificial basis Infeasible 7. else colo other rows verily fealsbilty optimal som of phase 2 up -> prop cot in shall table -, prot sow = exiting sow prot element =0 R=0 latio = Coln for balle vor cor to artificial vass -> Use optional obj () w/ other rows - old row (colly in print col X print row) constraints from phase ! optimul table - shall 2 obj 1 I how operation to eliminate phase I bask wars in phase a vars come one egu each, that them as back vars Orbec) you Isolve as usual you operations to transform construit coff Voopall - won basic artificial optimal som of 70 constraint coeff = 1 vage from plusely table Special calls original LP Regeneracy - Redundant constructul 12 raps from one prop > Sohn for base var =0 obj() coll = O Att. optima - obj 11 constraint with we coeff in sow of optimal placed table > coll of you balk was =0 unbounded com sentiles for one more basic var col to t contraint rows Solve asulust

