Sur Faces Klein bottle Surface Classification Theorem: Kerekjærto/Rido - Any surface can be triagulated. Moise — 3-manifold Freedman - False for 41-manifolds Fix 2 map Z=(V, E, F) of your favorite surface S, represented by reflection system (\$, 2, b, c) band decomposition Z" Deletion Contraction (not a loop.) (turface differ) notan Contract spanning tree T Delete spanning cotree C Leftaver edges L (T, L, C) - tree stree decomposition [Eppotein] Z/T/C ~ map with one vertex v and one Face F System of loops eg, ez, ez, ez







