Constitutive modelling



ssociated Flow Rule - Simple & moutain: Put the ball on the moutain; it will not move. Put the ball on the ridge of the moutain it will fall down along the edge . The direction of the movement of the ball will be perpendicular to the couter line Same thing happens with the expansion of the yield surface, the direction of the expansion of the yield surface will & to the surface . The ball drops from A to B b/c of the height (energy) vecto fap tuyer * Why associated flow rule? Notcorrect, but the assumption f=g is simple for calculation. granty constant If you don't believe in associated flow rule, you can use non-associated flow rule, but very complicated To solve this complicated job, we need more assumption. So, it is still not perfectly correct and no one can assure that their assumption is better than our assumption. calculation Simple assumption -> simple => POPULAR complicated assumption, difficulto to explain difficult to use 2 NOT POPULAR