VR= VQ COS B + = m/6 => /a= /2gh 2m/2 (Gos 18) granity ally acts ER = mghr+1mV2 (1) R: [] + mgh costs mgh = mgh R (2 m re) P: Ep = mgh + 0 E& = 0, mgh = mghr +

he < h (if p < 90°) mghe = mgh - mgh cos 2 s he = h (1-cos 2 p) he

lodges in dEs = Plow of energy into & 1 momentum is conserved Kinetic Energy - Scalar 2m Momentum - vector mi 3 energy is conserved

then about before + mean: only need to conservation laws "Kheke energy is 1984."
Converted to blier founs." 1公三20 マンスは is Inelashe: "they dan't bounce aller. 10 M >> m Ve M 21 Collision

(W+W) Bullets lodge in blocks fast, Maring Pendula swing stowly. momentur contervation it

in a magale = Ear = Ear = (min)v. Maximum switz. (まり) in 1860: measure Ah ... Lake 1 -