Physics I

2017-09-07

Agenda - SPS.

- Liner ræd agnuel.

- Saling angunest.

- orde-el-magnihide estimate.

http://cosmo.nyu.edu/hogg/physics1/

SPS 1st whith The Septender Fr 726 Broadway Thurs 7 pm Rm: 1067 Randy Konysen rk 2554@ myw.edu Kaithyn Morrell kjm 538@nyw.edu SPS Lounge 1014 -> all are welcome!

Elast cless: t= @ Th 3 dimensional analysis. - larger h -> langer t! - large g -> smaller t - ta The (scaling) - mess dresn't enter. < symmetrs. Equippe underlying General Relativity.

 $(M \approx 1000 \, \text{kg})$ 0.999 n 0993-11 V~ 0.997 m³ \(\lambda \) \(\lambda

1-0.001-0.000999 -0.000998

1-0.003+0.000003-0.000000001 Siri: 0.997002999 Mass of the Earth

 $\sim 7phe V = \frac{4\pi}{3}R^3$

A= Aux33x 10, w3

= #x 3.5x 1020 m3

= 1.5 × 10²¹ m³

P= 3× 103 kg

Mean = 4.5 × 10 kg.

Razooka.

R-7x106m3

Vock
Nock
Nock
Nock

3 Luck

density of air @ STP ~ 1 kg m-3 density of water ~ 1000 kg condensed meHer 1-20 × water. V Pauli exclusia dentity of ormina -

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