19.1.10

En sér weifend entartet mit den 20st. In?, In? to= au In> + aulus. (Du Eigermin zi En vid va (u), (u) = Jegen) (9) (Ho-Eo)40 = 0 pilt veitulin (A2): (HO-EO)4 = (E1-H)40 (2) : (40 - E0) 42 Wit willip wender (ul, (u) of (2) a: (m1H#0-E014) = <m1 En-+140> Engultor - # an cultilly - an cultilux Eran = an Culting + am Cultilus budge mit (ul ey (2) seco. => En au = au cultilu> + au (ultilu> In Habir Jones and dere Bre. (cultius (m1+1m) (an) = En (an) & P. H' P. 40 = E, P40 wobei Pdr Projeller it, er af den UR. you (lux, (mx) projiziert: P = luxu1+ luxu1. Wir Suden rusei Somingen Et, 40 , En, 40 Falls E, + E, - Ida 1 - 1 1- Ordering enemalt en booketer Fall : Die Entorting ist afgelieben j die listen Ordentyger offeger analog vin wilt entweet d'alle

.

Da 1847 Eggert. on 4/En ist stores, 514 19.1. 40 EnlP4, > = H'IP4, >. 0 = - 2 au < 21 4'14 > (u) 4'12 > - 2 au < 21 4'12 (8 x g) (am) = Ez (am) tit En = E = (((E' - E)) S. - Ext CHHIEXCRIBILLY /(E'-E) In Projector - Phrila. PH'Q = E2P4 Deipiel a) Start - Effect in H- Hours 8:= 1E11 = Ander H. Atom and in E Fell yelgt wir Get. u= 2 mit 12,007, 12,1,07, 13,1,-17, 12,1,17 25 4- fache Emferting (Entart. u2) Par est el field vedrelos et mit H'= Ed (d is Dipolinament) H'= Ed = Edz da = = E 52 H= E.e.Z She Grune hir while is Robertons syn byl. d. 2- belse [H', Lz]=0 also [H, Lz]=0

Theo Dan't : 0 = (x, m / [H' Lz] / (5, m') 19 1. 10 = (2,m1 H'LZ | Rm'> - (2,m1 (2H'1 Bu') = " (dm/H'/pm'> - m(dm/H'/pm') - (m'-m) < xm(+1'/p-17 m t m' Jelgt dan it: El M. (xul 11' 13m'> =0 f- m+m' En welgeles Eine wicker Symmetrie it die Pautot ~ - Box. un it globa PZ -- ZP 12,1,0> lent Partit -1 12,0,0) (20017 12007 = 0 212,0,07 (s d'a simpone vo-100 V St 0 0 0 | 2210 | = E7 0220 0000/1221/ 1221 => 8 = (2001 H 1240) e schuirt in xy-E=0 121,1), 13,1-1) Ebene; er bewelt En=8 (12,0,0+12,0) 7/5 -ilmou C-File En=-8 (1200) - 1210))/F (- Epteigt-ad oben propert Wir ter. 8 in Osto Evant: in 2- tele (brailt who 8 = (1,0,0) Eez 12,0) (Lines & i) 2=1000) of trying) the regit no = Soup Soud Sod soul 12 4 (-19,0). 420 (-4,0) Ecouse - the rotters In 2 - Alex. M- 298

S= Ee 1 20 5 122 5 M - 2 42 (1-12) 4 - 2 20 4 - 200 4 - 200 4 - 200 4 - 200 4 - 200 4 - 200 - 20 = \(\frac{2}{3} \) \(\frac{1}{2} \) \(\frac{1}{3} \) \(\frac{1 19 1.10 = = 120 + (24 - 120) = -3 Ee as - 3/8