DE BROGLIE: WAVE-HUMBER OF CYCLES PER UNIT PERIOD T SPIN MOTION . IZ OSCILLATIONS: FREQUENCY &s=3 to REPEATING ANGULAR VELOCITY WE ANG. FREQ. (PQ) COORDINATE TIME ANGULAR 0=x-2c0 FREQUENCY & W = 27 F INTERVAL. よこいでん ANGULAR MOMENTUM ANGLE DISPLACEMENT INERTIA A X=IW P, X ROTATIONAL ROT, MOTION at TIME INTERVAL WAVEMUMBER ACCELERATION PATH LENGTH & TIME & (PQ) (LINEAR) MOMENTUM PARTICLE WAVELENGTH VELOCITY V B=WV & A PLANCK CONSTANT SPEED VIPO LENGTH / (INERTIAL) MASS DESCRIBED BY ... DESCRIBED BY ... IMPULSE REDUCED PLANCK CONSTANT D: BY TRANSLAT. B. ABLE TO ... MAINTAIN HOITOM BODIES ARE THEY ARE FORCE F HAVE DIMENSIONS SPIN MOVE THE STATE FERMIONS OF MOTION CONSIST OF DESCRIBED PARTICIPATE ATOMS' PROPERTIES OF THE BODIES BY ... W IN THE PAULI WEAK STRONG - FUNDAMENTAL EXCLUSION) BODIES INTERACTIONS !: GR PARTICLES PRINCIPLE SUBSTANCE | MATTER S (LEPTONS & QUARKS) LEAT COLOUR HOW STRONGLY THE BODY IMERACTS? (HEAVY) EL. ENERGY MIN. PR MASS ENERGY E=mc CHARGE PROCESSES CONSIST OF SPAYITON PHOTON WEAKON W= F. S & ATOMS FIELD PARTICLES HEISENBERG UNCERTAINTY WORK PRINCIPLE: - PHYSICAL QUANTITY - FIELD QUANTA SUPERPOSITION ! $\Delta x \circ \Delta p_x$ PRINCIPLE DF (opeantum PRESENT FUTURE PRINCIPLE ATOMIC (US,UK) THE & FIELDS ARE BOSONS PRINCIPLE OF THE ABSOLUTE SPEED SPACE PAULI EXCLUSION INITIAL FINAL CONSTANT SPIN 1 OR O PRINCIPLE IS AND (SPEED OF LIGHT) TIME NOT MEANINGFUL QUANTUM ENERGY = R.FR FREQ C=299792458 W/S