Set up Evans wowe egrations for the quark spinar of and A zhon spirar Ng: $(I + kT) \psi_{I} = 0 - (1)$ and $(D + k\tau) + q = 0. -(2)$ The Spirar of may contain up to six components, u, d, s, c, t and b, and the spirar of three components R, W and B. In contrast to A charactered mordel to glus field is massive, so let is equ. (2) is not zero. It is also assumed but the observed grank masses are let result of interaction between the walter field of and the rabated field of . In the free state and grank u, d, s, r, t and be has exactly the same mass, so the Su(h) symmetry of My is exact. However the greek / gluon interation is strong, so the different more of type of stand on with the gluen field of. Apparent confirement , due to very strong attraction.

2) Nov fatorize egrs. (1) and (2) into Dirac type $(i \vee a)_a - m_j c / t) \psi_j = 0 - (3)$ (i Ya)a - mgc/f) dg = 0. - (4) Here my is the mass of the free grank, my is to mass of the gluon. In the strand model to mass mass of the gluon. In the strand model to mass of the gluon is zero, but is grand relativity Dis is not allowed. The internation between querk and gluan is given by: (if Ya (da - ig Sa) - mgc) of = 0 - (5) (if Ya (da + ig Sa) - mgc) /g = 0. - (b) Here q is a coupling parameter analogous to charge e in electrohypanics, and Sa is to gluon prential, avalogen la Aa ii due to different courting paremeters 9. electrody anics. From eqn. (5) the result is obtained:

RT = (m,c) + gn,c Ya (Sa + Sa*) $+\frac{1}{9} S_a^* S_a - (7)$ and Size of is different for each grank, we obtain different quark masses a observed: RT = (m,c)²
effective

(8) = l. l. s. of eq. (-1). More generally there is also a granitational international setween greater, which is described by internation setween greater, which is described by to kt tem. So his is a simple way of saving the grade model within the unified filed theory, using exact Su(x) symmetris for of and an exact Su(3) symmetry for Mg.

In more detail: (] + PeT) | u | = 0 $-\left(\lambda_{a}\right)$ (1 + RT) [R] = 0 so the internation between a and of for example is nediated by gluons whose coupling parameters is nediated by gluons whose coupling parameters of itsulf is an observed mass for a like the free state to find observed mass for d. In the free state to find observed mass for d. In the exactly masses of a, d, s, c, t and I are exactly masses of a, d, s, c, t and I are exactly De same, s. Le spirar i equ (1a) con le IL general Le greek | glun internation
is very complicated, insulting is to set up exactly. observed querk masses and elementary perfect masses. It is not suprising, llenfore det les appartolesonany eleventary particles.