

Abstract Submitted
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Elementary particles, dark matter candidate and new extended standard model JAEKWANG HWANG, JJJ Physics Laboratory — Elementary particle decays and reactions are discussed in terms of the three-dimensional quantized space model beyond the standard model. Three generations of the leptons and quarks correspond to the lepton charges. Three heavy leptons and three heavy quarks are introduced. And the bastons (new particles) are proposed as the possible candidate of the dark matters. Dark matter force, weak force and strong force are explained consistently. Possible rest masses of the new particles are, tentatively, proposed for the experimental searches. For more details, see the conference paper at <https://www.researchgate.net/publication/308723916> .

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