

Operator space structure of JC*-triples

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In this talk we will concentrate on finite dimensional JC*-triples. As usual, we consider two JC*-triples to be equivalent if there is an isometry from one onto the other, which is the same as an isomorphism of algebraic structures. Our aim is to understand the possible positions in $B(H)$ for JC*-triples equivalent to one fixed JC*-triple X , and it turns out that there is a natural answer in terms of a universal enveloping ternary ring of operators for X . This enveloping ternary ring can be computed for finite dimensional X .