C*-ENVELOPES OF JORDAN OPERATOR SYSTEMS

MARTÍN ARGÉRAMI AND DOUGLAS FARENICK

Abstract. We determine the boundary representations and the C*-envelope of operator systems of the form Span {1, T, T*}, where T is a Jordan operator.

Mathematics subject classification (2010): Primary 46L07; Secondary 47A12, 47C10.

Keywords and phrases: Operator system, boundary representation, C*-envelope, Šilov ideal, Jordan operator, numerical range.

REFERENCES