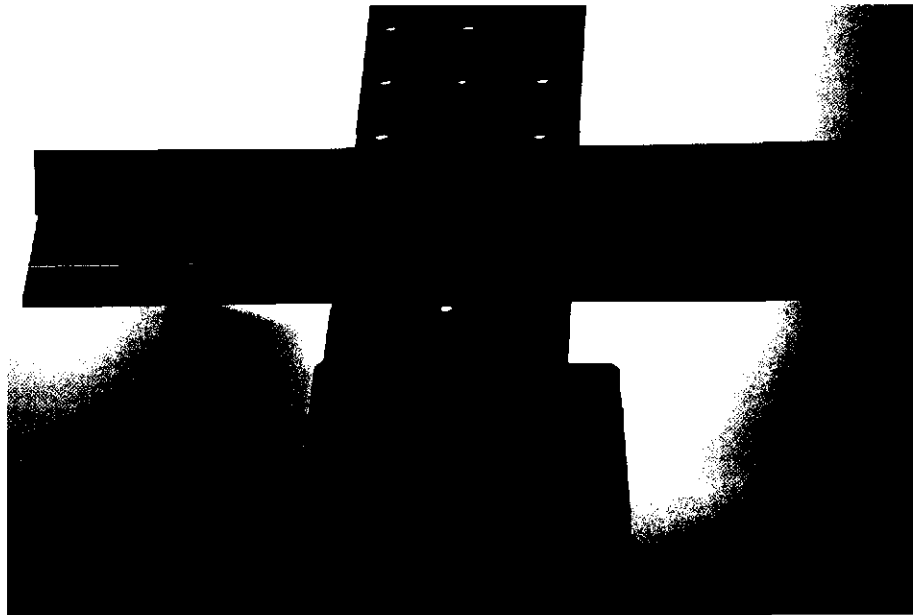


Erbium and thulium doped planar amplifier materials

J.J. Penninkhof

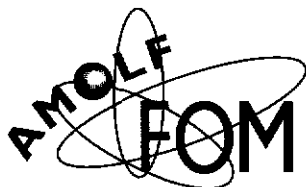
Supervisors: Dr. C. Strohhofer and Prof. Dr. A. Polman



Under 980 nm pumping, this erbium/ytterbium doped waveguide on Lot 79a shows green upconversion luminescence.

Report of a research project for the masters degree in
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at



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