1002-30-72   **Michael I Stessin*** (`stessin@math.albany.edu`), Department of Mathematics and Statistics, University at Albany, Albany, NY 12222. *Sublgebras of Hardy spaces.*

If $\mathcal{A}$ is a subalgebra of H^∞, then for every $0 < p < \infty$ the hardy space H^p has a natural structure of $\mathcal{A}$-module. The question of description of the lattice of closed $\mathcal{A}$-submodules leads to Beurling-type theorems. In particular, if $\mathcal{A}$ is weak-* dense in H^∞, every closed $\mathcal{A}$-submodule is z-invariant. Some recent results about subalgebras closed in Hardy spaces will be discussed in the talk. (Received August 25, 2004)