

## Operators on Hardy Spaces-Shapiro

I would like to work with two students (three would be OK) on a project involving understanding operators on Hardy spaces. We will look at these operators from the perspective of their matrix representation - using infinite matrices - and try to understand things about their adjoints, and learn something about their norms or even numerical ranges. Students should have a good background in linear algebra and analysis, and, if possible, functions of a complex variable.