1023-43-1762Jens Gerlach Christensen* (vepjan@math.lsu.edu), Department of Mathematics, Louisiana
State University, Baton Rouge, LA 70803, and Gestur Olafsson (olafsson@math.lsu.edu),
Department of Mathematics, Louisiana State University, Baton Rouge, LA 70803. Gelfand triples
and time frequency analysis. Preliminary report.

We propose some generalizations of the co-orbit space construction of Feichtinger-Groechenig so that it can be applied more easily to specific examples. In particular the construction works for Gelfand-tripple instead of the specific weighted L1-space that is used by Feichtinger and Groechenig. (Received September 26, 2006)