



INTISARI

FRAME BESSELIAN-g DI RUANG HILBERT

Oleh

NUR HIDAYATIN

13/353712/PPA/04228

Di dalam tesis ini dibahas tentang frame Besselian-g di ruang Hilbert yang merupakan generalisasi dari frame Besselian di ruang Hilbert. Terlebih dahulu diberikan teori tentang frame, basis riesz, dan frame Besselian beserta sifat-sifatnya serta hubungan antara frame, basis Riesz dan frame Besselian di ruang Hilbert. Selanjutnya dibahas sifat-sifat frame Besselian-g di ruang Hilbert serta hubungan frame Besselian-g dengan frame Besselian di ruang Hilbert dan hubungan frame Besselian-g dengan frame-g di ruang Hilbert.



ABSTRACT

g-BESSELIAN FRAMES IN HILBERT SPACES

By

NUR HIDAYATIN

13/353712/PPA/04228

In this thesis we study on g -Besselian frames in Hilbert spaces as a generalization of Besselian frames in Hilbert spaces. First, we give the concepts and the properties of a frame, a Riesz basis, and a Besselian frame, and the relations between a frame, a Riesz basis, and a Besselian frame in Hilbert spaces. Furthermore we discuss about the properties of g -Besselian frames in Hilbert spaces. Finally, we consider the relations between a g -Besselian frame and a Besselian frame, and a g -Besselian frame and a g -frame in Hilbert spaces.