Localized Waves

localized waves: a not-so-short review - arxiv - waves, by explicitly separating the case of beams from the case of pulses; and, afterwards, an analogous introduction is presented for the localized waves (lw), pulses or beams. always we stress the very diÃ¯Â¬Â€erent characteristics of the gaussian with respect to the bessel waves and to the lws, showing the numerous important properties of the ... **localized waves: a review - unibg** - 1. localized waves: a scientific and historical introduction 1.1. introduction and preliminary remarks diffraction and dispersion have long been known as phenomena that limit the applications of (optical, for instance) beams or pulses. diffraction is always present and affects any waves that propagate in **localized waves: theory, techniques, and applications** - Ã¯Â¬Â•rst characteristic is being monochromatic waves, the second is that pibs propagate along an axis, the third is that they propagate without distortion in their transverse localized waves: theory, techniques, and applications 571 **localized waves: a historical and scientiÃ¯Â¬Â•c introduction**- jwdd074-c01 jwdd074-hernandez december 5, 2007 5:30 char count= 0 4 localized waves: a historical and scientific introduction annular aperture f a bessel beam r lens ÃŽÂ´a