

COMPLETENESS RELATION OF ELGENTALUS ELGENFUNCTION EXPANSIONS. - WITCITE & AS SUM OF EIGEN FUNCTIONS, INTEGETAL FORMOR DOT PRODUCT -BRING WHAT YOU CAN TO WHUIL INTEGER.

USE PROPERTY OF THE WEST INTION PROP

OF DELTA FUNCTION TO OBSETTUERESULT \$ 2 (x)=4(x) DE SOL USING GF - MAKE ASSUMPTIONS - WHITE FORMAL SOLUTION ITO GF BY (THINK ABOUT WHAT MAPPENS IF FIX IS APPLIED TO A FORMAL SOL IN INT. FORM, RECALL SUBSTIT PROPORT TO FUNCTIONS) - GF IS SOL. TO WHAT - HAVE TO SAMISTY WHAT WRITEGE EXPLICITLY ASSIM OF EIGEN FUNCTIONS - MICHE PROVETUAT THIS IS ASOL TO THE EQ IT IS READ TO BE A SOL. -MOUE OPETIMOR - USE CONTENESS RELATION -USE COMMONSERLE FOR STUNCTION DE SOL USING EIGEN FUNCTION EXP. - FUT DO INTO SI FORM. - DETERMINE EIGENFUNCTIONS & EIGENVALUES TRY BOY LES COSET COME OF SO - ATPLY BCS TO ORTHIN CONSTAINS -WKMALIZE - WRITE SOLAS & OF EIGENFUNCTIONS - NEED COEFFS SO MULTIPLY BY YM, FORM DOT PRODUCT, REMORANGE, DETAIN RESULT.