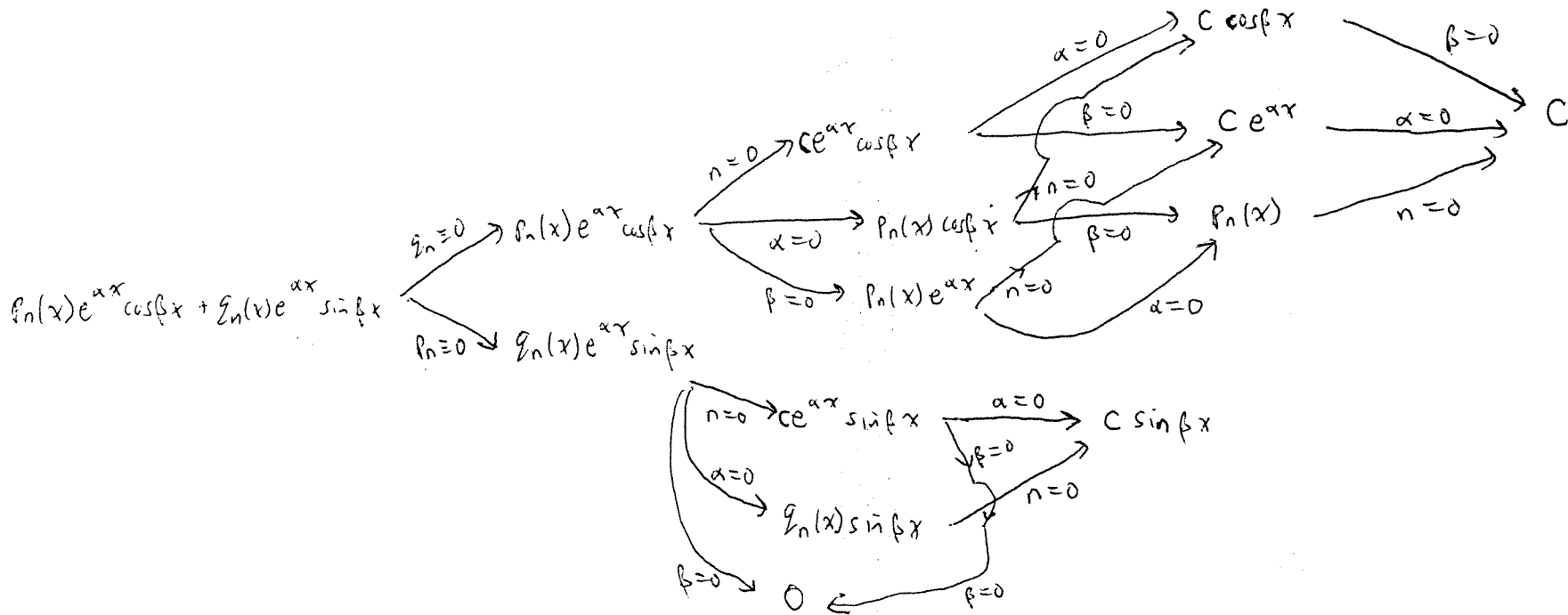


Functions  $g$  in " $L[y]=g$ " to which Method of Undetermined Coefficients applies.  
 (Just written for a single  $\alpha + i\beta$ )



Above,  $p_n(x)$  and  $q_n(x)$  are polynomials ~~of degree at most~~  <sup>$p(x), q(x)$</sup>  of degree at most  $n$ . If one of  $p(x), q(x)$  has degree larger than the other, take the larger degree as  $n$ , and write " $p_n(x), q_n(x)$ " as if both degrees were  $n$ .

The polynomials " $p_n(x)$ ", " $q_n(x)$ " have nothing to do with " $p_2(r)$ ", the characteristic polynomial of  $L$ .