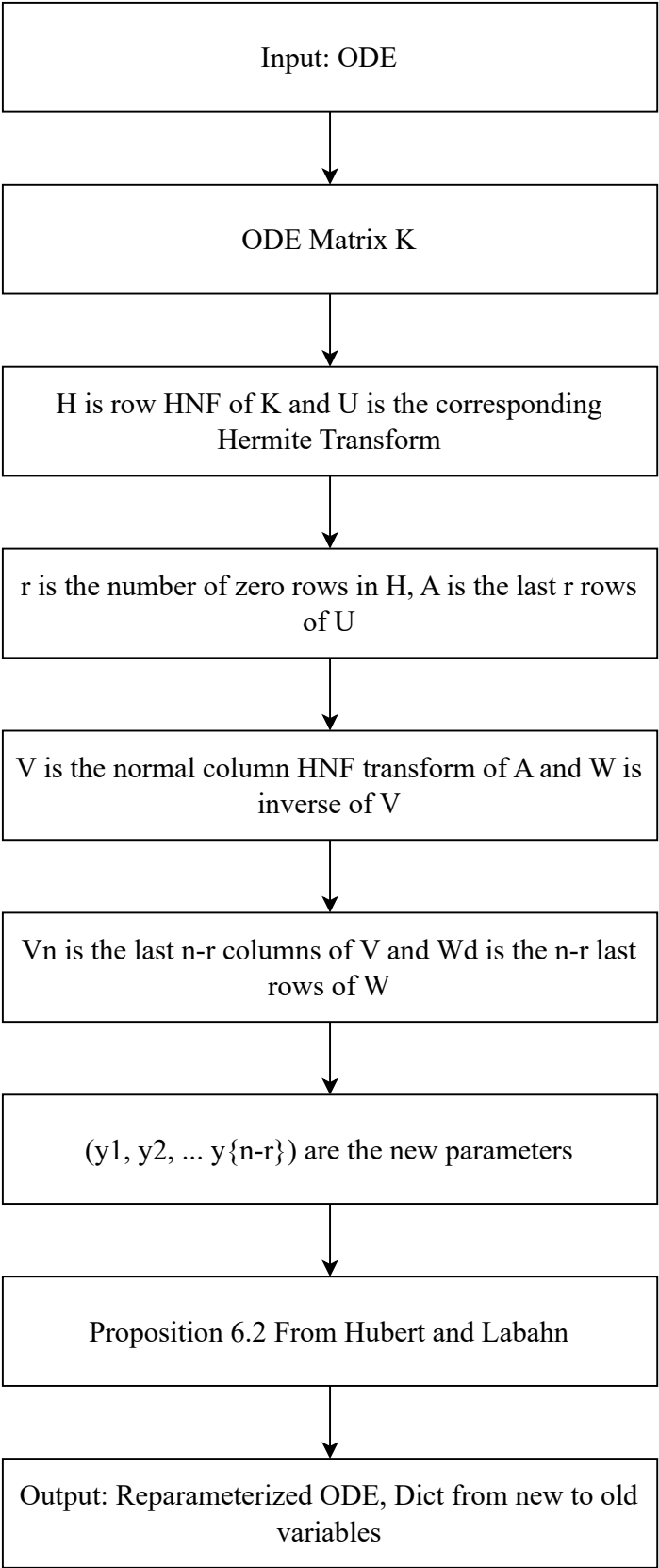
Input: ODE
ODE Matrix K
H is row HNF of K and U is the corresponding Hermite Transform
r is the number of zero rows in H, A is the last r rows of U
V is the normal column HNF transform of A and W is inverse of V
Vn is the last n-r columns of V and Wd is the n-r last rows of W
(y1, y2, ... y{n-r}) are the new parameters
Proposition 6.2 From Hubert and Labahn
Output: Reparameterized ODE, Dict from new to old variables