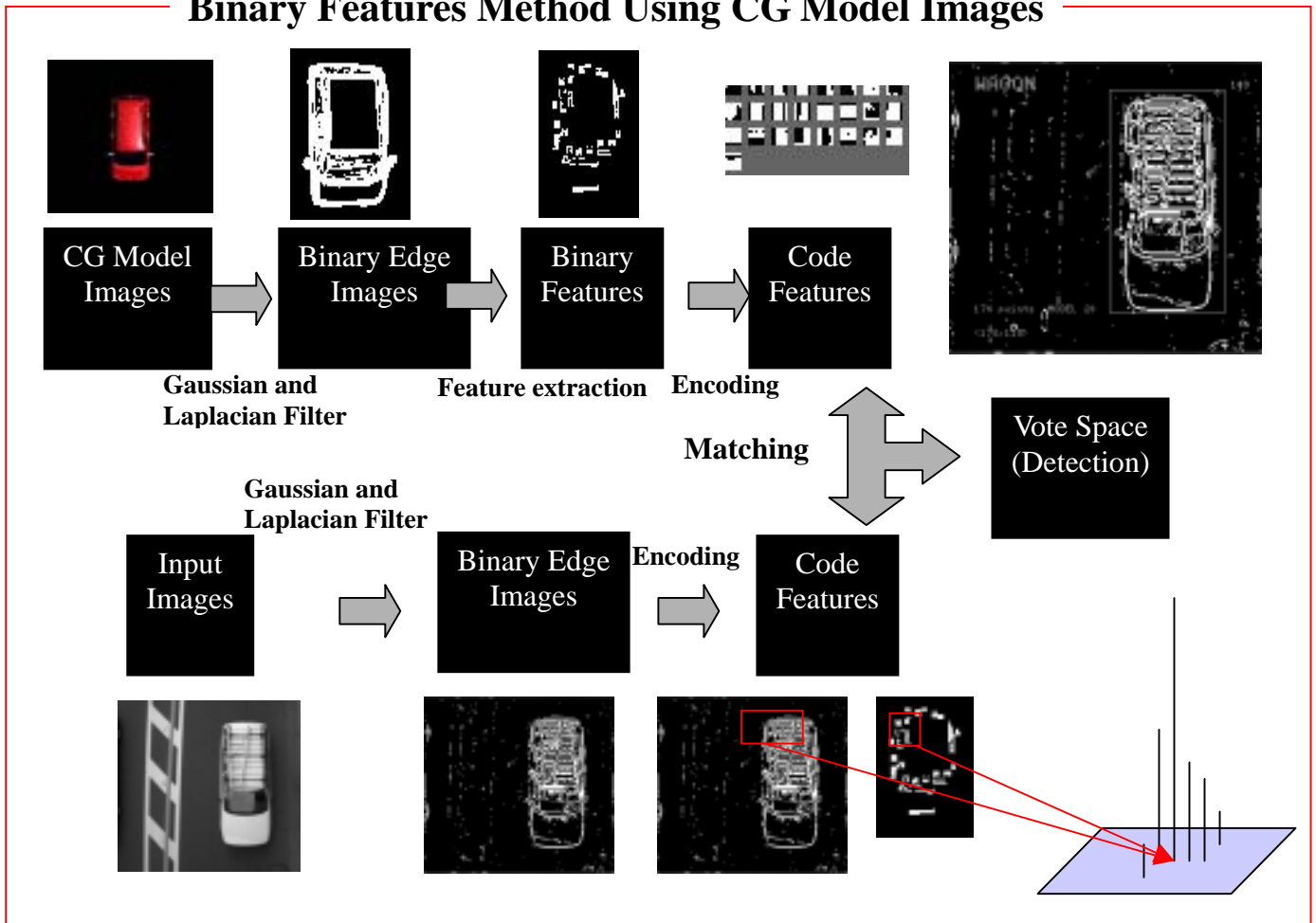


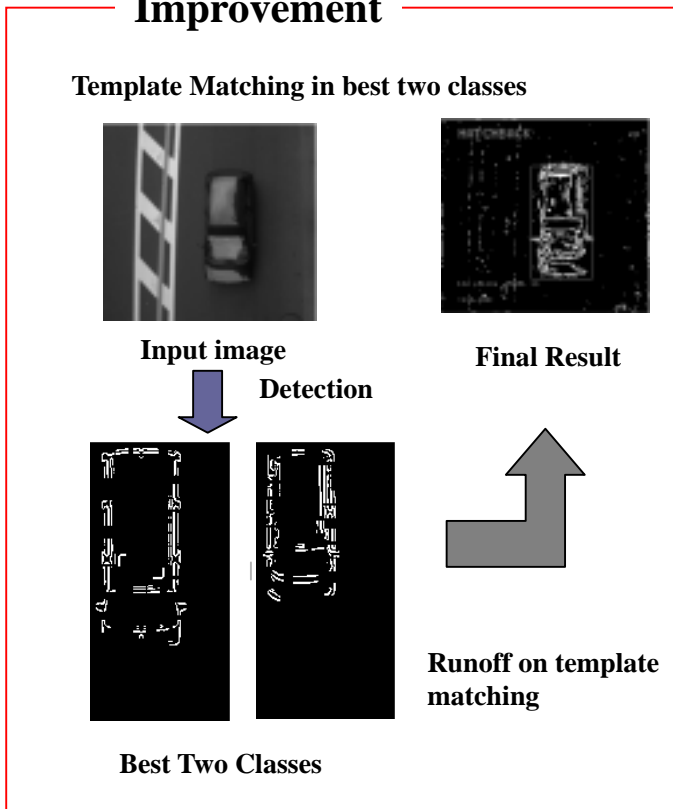
Vehicle Classification Using CG Model Images

Tatsuya Yoshida, Shirmila Mohottala, Masataka Kagesawa, Katsushi Ikeuchi

Binary Features Method Using CG Model Images



Improvement



Experiments

Input images(Examples)

Recognition results(Examples)

Result

Rate=54%,
75% if two classes are identified

true class class as	sedan	wagon	mini- van	hatch- back
Sedan	9	2	4	1
Wagon	15	14	2	3
Mini-van	0	1	11	0
Hatchback	4	3	5	13

Reference:

T.Yoshida, S.Mohottala, M.Kagesawa, T.Tomonaka, K.Ikeuchi, "Vehicle Recognition with Local-feature Based Algorithm Using CG Models," ITSWC 2002 Oct. 2002 (to appear)