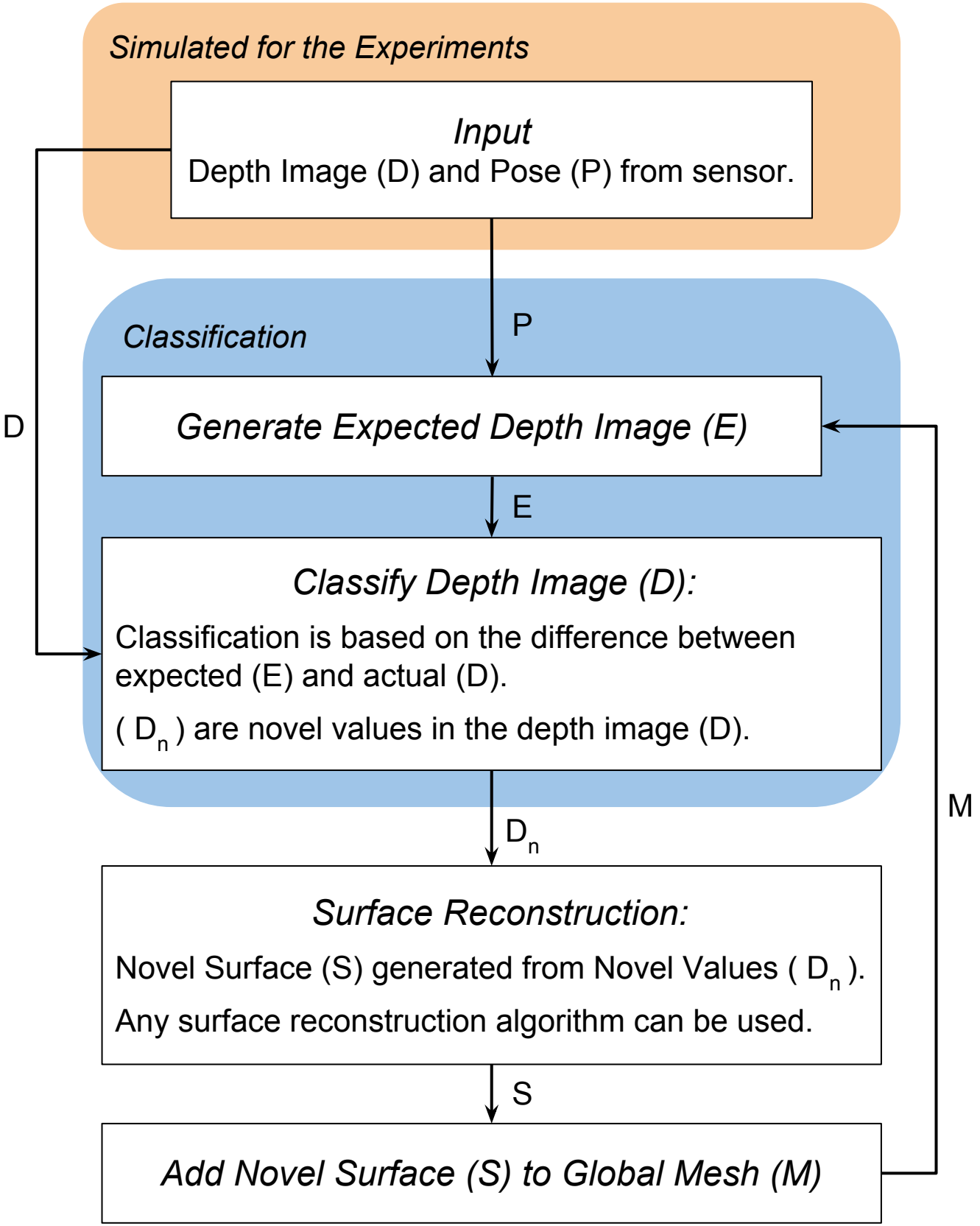
Simulated for the Experiments
Input
Depth Image (D) and Pose (P) from sensor.
P
Classification
D
Generate Expected Depth Image (E)
E
Classify Depth Image (D):
Classification is based on the difference between expected (E) and actual (D).
(D_n) are novel values in the depth image (D).
M
D_n
Surface Reconstruction:
Novel Surface (S) generated from Novel Values (D_n).
Any surface reconstruction algorithm can be used.
S
Add Novel Surface (S) to Global Mesh (M)