Some Fancy Title

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Abstract Here

1. INTRODUCTION

Introduction Here.

2. RELATED WORK

Related Work Here.

3. RANDOMIZED DECISION FOREST CLASSIFIER

Randomized Decision Forest Classifier Here.

$$f\left(I,u,v\right) = \left[d_I\left(u + \frac{u_{off}}{d_I\left(u,v\right)}, v + \frac{v_{off}}{d_I\left(u,v\right)}\right) - d_I\left(u,v\right)\right] \geq d_t \tag{1}$$

4. DATASET CREATION

Dataset Creation Here.

$$F\left(I,C\right) = k\sum_{s=1}^{3}\left(\Delta(I_s,C)\right) + \Phi\left(C\right) + I\left(C\right) \tag{2}$$

Another one:

$$\Delta\left(I_s,C\right) = \sum_{u,v}\left[\min\left(\left|d_{I_s}\left(u,v\right) - d_{S_s}\left(C,u,v\right)\right|, d_{max}\right)\right] \tag{3}$$

Another one:

$$\Phi\left(C\right) = \sum_{k=1}^{n}\left[\max\left(C_k - C_{k,max}, 0\right) + \max\left(-\left(C_{k,min} - C_k\right), 0\right)\right] \tag{4}$$

Another one:

$$f\left(s,t,r\right) = \sum_{c=1}^{n}\left(\frac{w_c}{n}\left\|M_s M_t M_r q_c - d_c\right\|^2\right) \tag{5}$$

Another one:
$\mathbb{R}^3$
Another one:

$$w_c = \frac{\max\left(0, \frac{n_{q_c}\cdot n_{d_c} - k}{1-k}\right)}{1 + \left\|d_c - q_c\right\|} \tag{6}$$

5. FEATURE DETECTION

Feature Detection Here.

6. POSE DETECTION

Pose Detection Here.

7. RESULTS

Results Here.

8. CONCLUSION

Conclusion Here.

APPENDIX

A. INTERESTING STUFF

Interesting Stuff Here.

REFERENCES