UNIVERSITY OF CALIFORNIA, SAN DIEGO

Semantic Image Representation for Visual Recognition

A dissertation submitted in partial satisfaction of the
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in

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by

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The dissertation of Nikhil Rasiwasia is approved, and it is acceptable in quality and form for publication on microfilm and electronically:

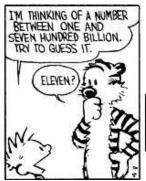_____

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University of California, San Diego

2011

DEDICATION

To my nephew Shreyas,

my mother Geeta, my father Niranjan,

my sister Nidhi and my brother-in-law Prashant.

EPIGRAPH

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We shall not cease from exploration
And the end of all our exploring
Will be to arrive where we started
And know the place for the first time.
—T. S. Eliot