UNIVERSITY OF CALIFORNIA

SANTA CRUZ

**DESIGN, BUILDING, AND TESTING OF SUPERball:**
**A TENSEGRITY ROBOT FOR SPACE EXPOLRATION**
**with an emphasis in ROBOTICS & CONTROLS**

A thesis submitted in partial satisfaction
of the requirements for the degree of

DOCTOR OF PHILOSOPHY

in

COMPUTER ENGINEERING

by

**Jonathan Bruce**

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The Thesis of Jonathan Bruce
is approved:

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DEDICATION!

ACKNOWLEDGMENTS!

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## References

[1] M. Yan and K. Ye. Determining the number of clusters using the weighted gap statistic. *Biometrics*, 63(4):1031–1037, 2007.