

**Determinations of the Matrix Element  $V(U_b)$  From Inclusive Semileptonic B  
Decays With Reduced Model Dependencyingle Ion Trapping  
for the Enriched Xenon Observatory**

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UNIVERSITY OF CALIFORNIA, SAN DIEGO

**Determinations of  $|V_{ub}|$  from Inclusive Semileptonic  $B$  Decays  
with Reduced Model Dependency**

A dissertation submitted in partial satisfaction of the  
requirements for the degree Doctor of Philosophy

in

**Physics**

by

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