

**UNIVERSIDAD DE CANTABRIA**

**DEPARTAMENTO DE CIENCIA E INGENIERÍA DEL TERRENO  
Y DE LOS MATERIALES**

**TESIS DOCTORAL**

**EVALUACIÓN DE LA INTEGRIDAD ESTRUCTURAL DE  
COMPONENTES SOMETIDOS A CONDICIONES DE  
BAJO CONFINAMIENTO**

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**Tesis Doctoral presentada en la Universidad de Cantabria para la obtención del  
Título de Doctor Ingeniero de Caminos, Canales y Puertos**

**Santander, Marzo de 2007**

## CAPÍTULO 8

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