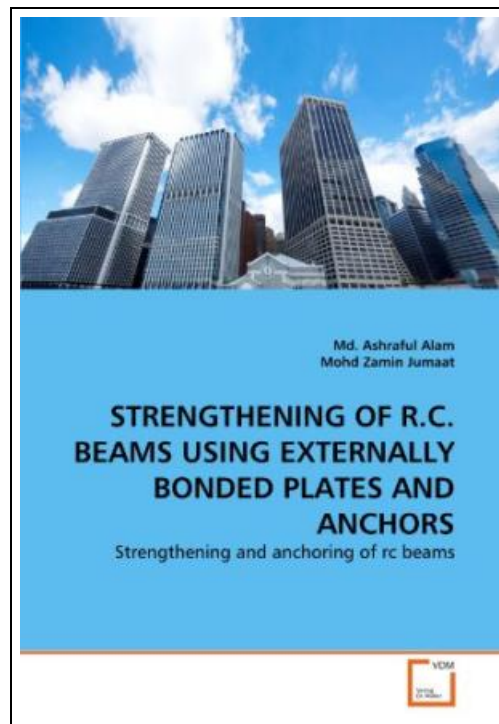


STRENGTHENING OF R.C. BEAMS USING EXTERNALLY BONDED PLATES AND ANCHORS



Filesize: 5.66 MB

Reviews

Complete information for book fanatics. It normally does not cost excessive. I am very easily can get a satisfaction of reading a created publication.

(Mrs. Winifred Fritsch)

STRENGTHENING OF R.C. BEAMS USING EXTERNALLY BONDED PLATES AND ANCHORS

[DOWNLOAD](#)

To download **STRENGTHENING OF R.C. BEAMS USING EXTERNALLY BONDED PLATES AND ANCHORS** PDF, make sure you follow the web link below and download the ebook or get access to other information which might be highly relevant to **STRENGTHENING OF R.C. BEAMS USING EXTERNALLY BONDED PLATES AND ANCHORS** book.

Condition: New. Publisher/Verlag: VDM Verlag Dr. Müller | Strengthening and anchoring of rc beams | Premature plate end debonding failure is the main weakness of plate bonded strengthened beams which can be minimized by end anchors. The main objectives of this research were to study the behaviour of steel plate and CFRP laminate strengthened r.c. beams, the effects of U and L shape end anchors to prevent plate end debonding and the effects of L shape intermediate anchors to eliminate premature shear. Nine rectangular beams were tested. Design methods were proposed to obtain the dimensions of steel plate and CFRP laminate. U and L shape end anchors were used on steel plate and CFRP laminate strengthened beams. The length of end anchors was obtained from the proposed design theory. L shaped intermediate anchors were provided in the shear span of L shaped end anchored strengthened beams. Results exhibited that both U and L shaped end anchored strengthened beams showed ductile failure modes without premature end peeling with higher failure loads, less deflection and less cracks compared to the un-anchored beams. Intermediate anchors prevented premature shear failure. The proposed design methods were experimentally satisfied. | Format: Paperback | Language/Sprache: english | 261 gr | 188 pp.

[Read STRENGTHENING OF R.C. BEAMS USING EXTERNALLY BONDED PLATES AND ANCHORS Online](#)[Download PDF STRENGTHENING OF R.C. BEAMS USING EXTERNALLY BONDED PLATES AND ANCHORS](#)

Other eBooks

**[PDF] The Mystery of God s Evidence They Don t Want You to Know of**

Access the hyperlink under to download "The Mystery of God s Evidence They Don t Want You to Know of" file.

[Read](#) [Document](#)

»

**[PDF] Would It Kill You to Stop Doing That?**

Access the hyperlink under to download "Would It Kill You to Stop Doing That?" file.

[Read](#) [Document](#)

»

**[PDF] Violet Rose and the Surprise Party**

Access the hyperlink under to download "Violet Rose and the Surprise Party" file.

[Read](#) [Document](#)

»

**[PDF] Writing for the Web**

Access the hyperlink under to download "Writing for the Web" file.

[Read](#) [Document](#)

»

**[PDF] The Day I Forgot to Pray**

Access the hyperlink under to download "The Day I Forgot to Pray" file.

[Read](#) [Document](#)

»

**[PDF] A Dog of Flanders: Unabridged; In Easy-to-Read Type (Dover Children's Thrift Classics)**

Access the hyperlink under to download "A Dog of Flanders: Unabridged; In Easy-to-Read Type (Dover Children's Thrift Classics)" file.

[Read](#) [Document](#)

»