

Structural Engineering Software


Michigan

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Software title	ADAPT-ABI
Software Category	Bridge Analysis
Provider	Sample Agent
Software type	Commercial
Is Featured	No
Price	\$ 0,00

Other Information

Description	<p>ADAPT-ABI 2012 is a special-purpose program developed for the design and analysis of prestressed concrete bridges built either segmentally or conventionally.</p> <p>ADAPT-ABI is a general finite element program which performs 4D time-dependent analysis of concrete bridges and frames during and after the construction phase. ABI can investigate the effect of newly placed concrete, creep, shrinkage, and relaxation in prestressing over time, aging of concrete, and variation in temperature. Its excellent graphical interface can display moments, shears, stresses, and deformations for various stages of construction. The software can handle nonprestressed concrete, precast, cast-in-place, pre-tensioned or post-tensioned frames. The software is intended for incrementally constructed bridges and frames; retrofit of concrete frames where new concrete is added, new members are added or existing members are modified; and demolition (reverse construction) of frames. Other applications include composite construction and cable-stay structures. The basic module of the software (ADAPT-ABI Basic) is self-contained and complete. Other modules enhance the capabilities of the basic program.</p>
Rate:	

Supported Operating Systems:

1/ Vista

2/ Win7

3/ WinXP

Basic information

More features

Rooms' details

Software Photos:

