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All the above topics are related to various classes of mappings including compact absorbing contractions and condensing maps. Besides the (more powerful) topological approach, the approximation techniques are alternatively employed as well.

In Chapter III, boundary value problems for differential equations and inclusions are investigated by means of the results in Chapter II. The following problems are mainly considered:

- existence of solutions,
- topological structure of solution sets,
- topological dimension of solution sets,
- multiplicity results,
- (subharmonic) periodic and almost-periodic solutions.