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**their knowledge without jumping too quickly to the provided answer.3. Special attention is given to graphical problems, motion under negative acceleration, juggling**

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**problems, relative velocity, projectile motion, condition for a projectile to retrace its path, radius of curvature at any point on the trajectory of projectile**

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**motion, projectile motion  
on inclined plane and  
stairway, relative  
velocity, river boat/man  
problems, rain man  
problems, motion of  
many particles, with**

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**same speed, towards each other in a plane and motion of two particles, with different speed, towards each other in a plane, so that student can easily solve them**

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**with fun.4. To test the understanding level of students, multiple choice questions, conceptual questions, practice problems with previous years JEE Main and**



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**Advanced problems are provided at the end of the whole discussion. Number of dots indicates level of problem difficulty. Straightforward problems**

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**(basic level) are indicated by single dot (●), intermediate problems (JEE mains and NEET level) are indicated by double dots (●●), whereas challenging**

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Computational Modeling, by Jay  
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Wang introduces computational modeling and visualization of physical systems that are commonly found in physics and related areas. The authors begin with a framework that integrates model building, algorithm

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