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V-секция

III Международная научно-практическая конференция: "Современные материалы, техника и технологии в машиностроении"

посвященная 20 летию АО "Узавтосаноат"
и 5 летию Андижанского машиностроительного института

СБОРНИК НАУЧНЫХ СТАТЕЙ

19-21 апреля 2016 года, Андижан

ЎЗБЕКИСТОН РЕСПУБЛИКАСИ ОЛИЙ ВА ЎРТА МАХСУС ТАЪЛИМ ВАЗИРЛИГИ

АНДИЖОН МАШИНАСОЗЛИК ИНСТИТУТИ

«МАШИНАСОЗЛИКДА ЗАМОНАВИЙ МАТЕРИАЛЛАР, ТЕХНИКА ВА ТЕХНОЛОГИЯЛАР»

Халқаро илмий - техникавий анжуман тўплами
(Профессор-ўқитувчилар, ёш олимлар, катта илмий ходим-изланувчилар, магистрлар ва иқтидорли талабаларнинг халқаро илмий-техникавий анжуман мақолалар тўплами)

Андижон 2016

The results show that ~250 iterations are enough for the simulation to converge. This is obviously governed by the alpha value.

C.3 *The Davidon-Fletcher-Powell (DFP) Method. vs. The Broyden-Fletcher-Goldfarb-Shanno (BFGS) Method*

No significant difference is seen between the two methods.

C.4 *N value*

N represents the number of points the line is discretized. It is known that as the N increases, the accuracy of the solution will increase; however, the overall computationally cost will increase.

C.5 *Other*

The mass of the object does not affect the path i.e. independent of mass.

The final representation (Figure 1) is inverted to make its more physically sound, as y is parallel and not anti-parallel to the gravity.

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CREATION OF THE ELECTRONIC TEXTBOOK ON ENGINEERING DISCIPLINES

D.A. Khalilov, S.I. Khonturaev, A.O. Tillavoldiev

TUIT Ferghana branch, Chair of information technology the professor, senior lecturer, magistr, Ferghana city.

With the increasing use of tablets and smartphones in education and the popularity of online learning activities, digital course material must become scalable and interactive. Electronic textbooks, or e-textbooks, and now, recent development tools put digital publishing within the reach of educators, sometimes at no cost.

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