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▲会议

Conference



Technical Neighbor > CAE仿真 > CAE Simulation > Abagus

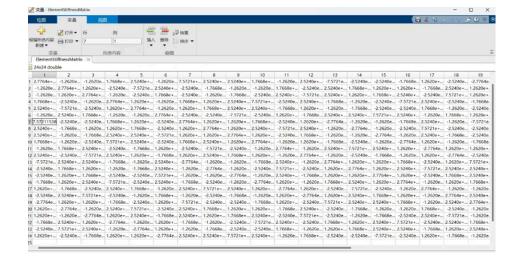
## Abaqus中C3D8R单元使用标准应变矩阵B进行一点减缩 积分吗?

## Does the C3D8R element in Abaqus use the standard strain matrix B for a point reduction integral?

回答: 2 Views: 846 Answers: 2

自编C3D8R程序计算得到的单元刚度矩阵与Abaqus没有完全对应上,自编MATLAB程 序使用标准B进行一点减缩积分,不清楚ABAQUS是否采用了其他修正方法

The element stiffness matrix calculated by my self-written C3D8R program does not completely correspond to Abaqus, and my self-written MATLAB program uses the standard B for a point reduction integral. I am not clear whether Abaqus uses other correction methods.



相似问题 Similar Questions

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关于abaqus建模的问题,如何在模型中建... 3个回答

老师们好,这是我的模型,是用voronoi方法 建立的, 我现在想要使用cohesive接触, 使...

Questions about ABAQUS modeling, how to establish a surface in the model? Questions about ABAQUS modeling. Questions about ABAQUS modeling. Questions about ABAQUS modeling. 3 answers Hello teachers, this is my model, which was established using the Voronoi method. I now want to use cohesive contact, and I want to establish cohesive contact using the plugin. When I get to the step of selecting the surface, I have a problem. The section enclosed by the four sides cannot be selected (4 sides can be selected, but this surface cannot be selected in the surface menu). Could you please take a look at how to solve this problem? Similar surfaces cannot be selected, as shown in the model tree.

【abaqus-块石本构选取】abaqus模拟两块... 1个回答

各位大神好,我想用ABAQUS有限元模拟块石 挤压, 如角面接触时, 接触部分的破碎压...

**【**ABAQUS-Block Stone Constitutive Selection What is the suitable model for ABAQUS simulation of two stone contacts and crushing? 1 answer Hello all, I want to use ABAQUS finite element simulation to simulate the compression of block stones. When the corner faces are in contact, the crushing and compression of the contact part may be difficult to achieve, so I am thinking of simulating these crushing amounts with damage approximation, such as similar to concrete elastic-plastic damage constitutive, or does ABAQUS have any suitable models for the characteristics of rocks? I hope everyone can guide me, the more detailed the better. Thank you.

abaqus 应力导入abaqus explict?

2个回答

大神请问这个问题如何解决?

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** ELEMENT NUMBER
** ELEMENT TYPE C3D8R
                              1 STEP NUMBER
                                                    1 INCREMENT NUMBER
*USER ELEMENT, NODES=

** ELEMENT NODES

** 5, 6, 8,
                                  8, LINEAR
        5,
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*MATRIX,TYPE=STIFFNESS
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编辑 Edit



How to import stress into ABAQUS explicit? 2 answers Great master, how can this problem be solved?



abaq... 钢筋非线性静力分析... 氢 的状态进行线性瞬时分力? 析? What is the hydrostatic pressure in Abaqus? Can a linear instantaneous analysis be performed after the nonlinear static analysis of reinforcement?

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邀请回答 Invite to answer

我来回答 I will answer

issue

## 全部回答 (2) All answers (2)



cccCAPPER



可以私聊一下吗,我也在搞这个 Can we chat privately? I am also working on this.

2024年10月23日 October 23, 2024

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## 推荐阅读 Recommended Reading

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