



- Matad Keyles
  - Need tbeterdetad cpip daarge erchaisrcabofber atces
- Objecte
  - Ceate a drelhatcarbe ord topdicthe arteialep to daarge
- Apch
  - Epietalettatidate cholaarge
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- ABAQUS es chodaenge enchaios dhel
- Peppefond a bate eizw
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    - CetarNohed Cpia(CNC)
    - CprctCprig(CC)
    - 4-PtBedig (4PB)
- ABAQUS dreb to determbets damage beb
- Pebyettcfi6C eecb





















- Meas he ancposes decty
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- Dense beted to ceate ant cprisdaarge befe bolg
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- Toolffeetateateed
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  - Beig ipled ateal









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- Thee behaizes
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- Oe behaize
- Sdderpcienfala
- Le toted caig abtaferfacte







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- Ze 1 Ebs:
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- Ze 2 Ne Vee Daarge:
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    abtad by
    cackg
- Ze 3 Vee Daage













- Ubdg etsd b detembehaø
- Høestadig
  æsbered
- Offetindaceeth ggetabty









• MatCpid-lp

- Uft@pisSpciets
  - Daage Mechais
  - SesDaceen
- CarctCarsSpcars
  - Daarge Mechaian
  - Vaiable Nohh Stdy













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  - Lage bhesfalin
    teisbefe
    cpis daarge









- Significated ffeene is a teal presad behait between conciliante a lading ante a l
- Carctopiasciendate carite da arge









## • Beefto Aab

- Beerdetadig 6daarge erchateb efe drettigeae accacy
- Fta Wka









