I'm not sure I get the pebble algorithm. I think an example in class would clear it up.


Courtesy of Audrey Lee-St. John. Used with permission.
http://minerva.cs.mtholyoke.edu/demos/pebbleGames/2dbarjoint.php

## 3D Body-and-Bar/Hinge Pebble Game Demo

This applet demonstrates the (6,6)-pebble game used to solve the decision, spanning, extraction, optimization, components, redundancy, and Henneberg problems for 3D body-and-bar rigidity.

You may also be interested in the pebble game for $2 D$ bar-and-joint rigidity.


Courtesy of Audrey Lee-St. John. Used with permission.
http://minerva.cs.mtholyoke.edu/demos/pebbleGames/3dbodybarhinge.php
 Courtesy of Audrey Lee-St. John. Used with permission.
[Audrey Lee-St. John]

Fig. 1 and 2 removed due to copyright restrictions.
Refer to: Lee-St.John, A., and I. Streinu. "Angular Rigidity in 3D: Combinatorial Characterizations and Algorithms." Proceedings of the 21st Canadian Conference on Computational Geometry (2009): 67-70.
> [Lee-St. John \& Streinu 2009]

Topic of interest: the connected bananas. Are there any 3 -connected examples?





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### 6.849 Geometric Folding Algorithms: Linkages, Origami, Polyhedra

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