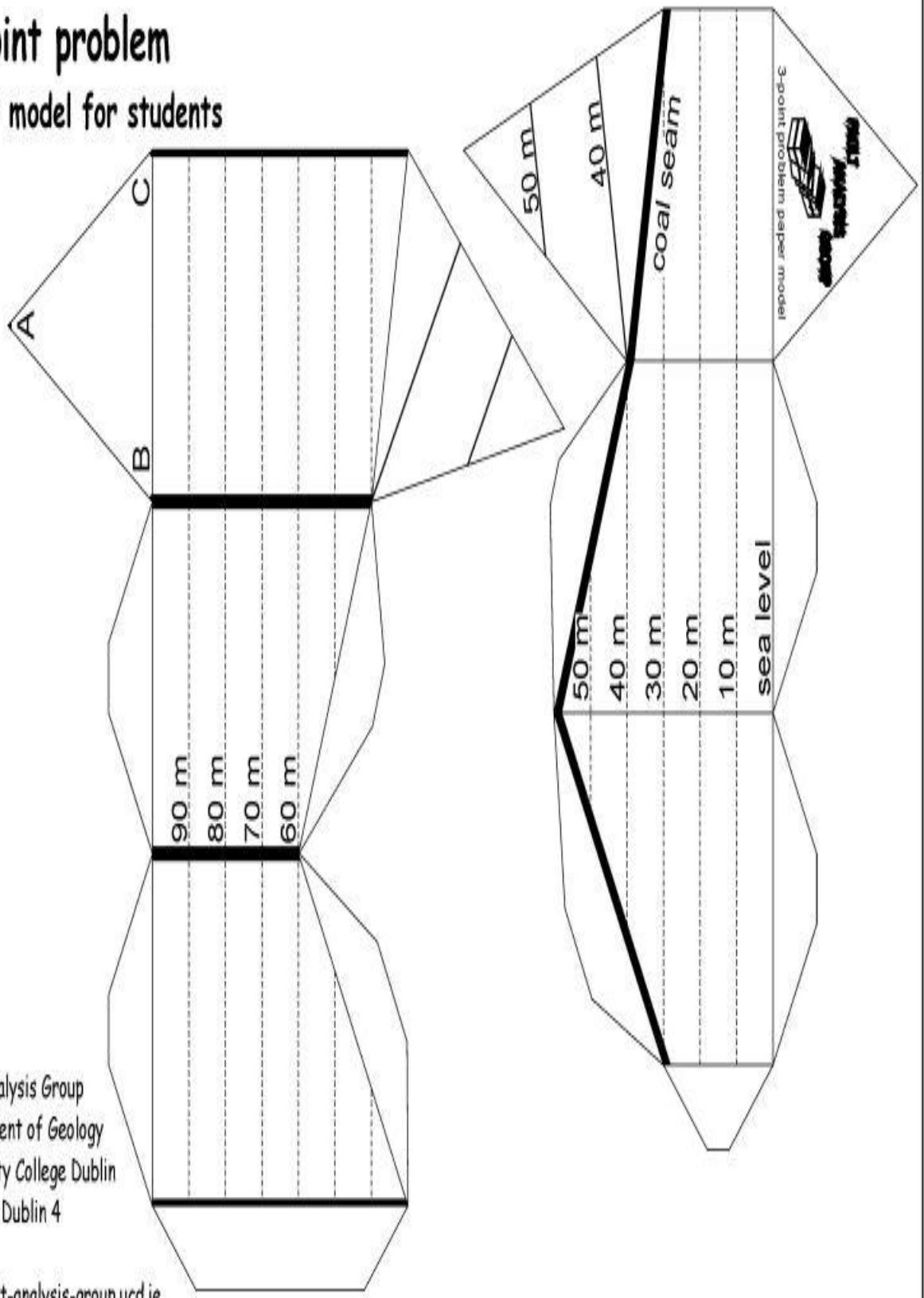


# 3 point problem

Paper model for students

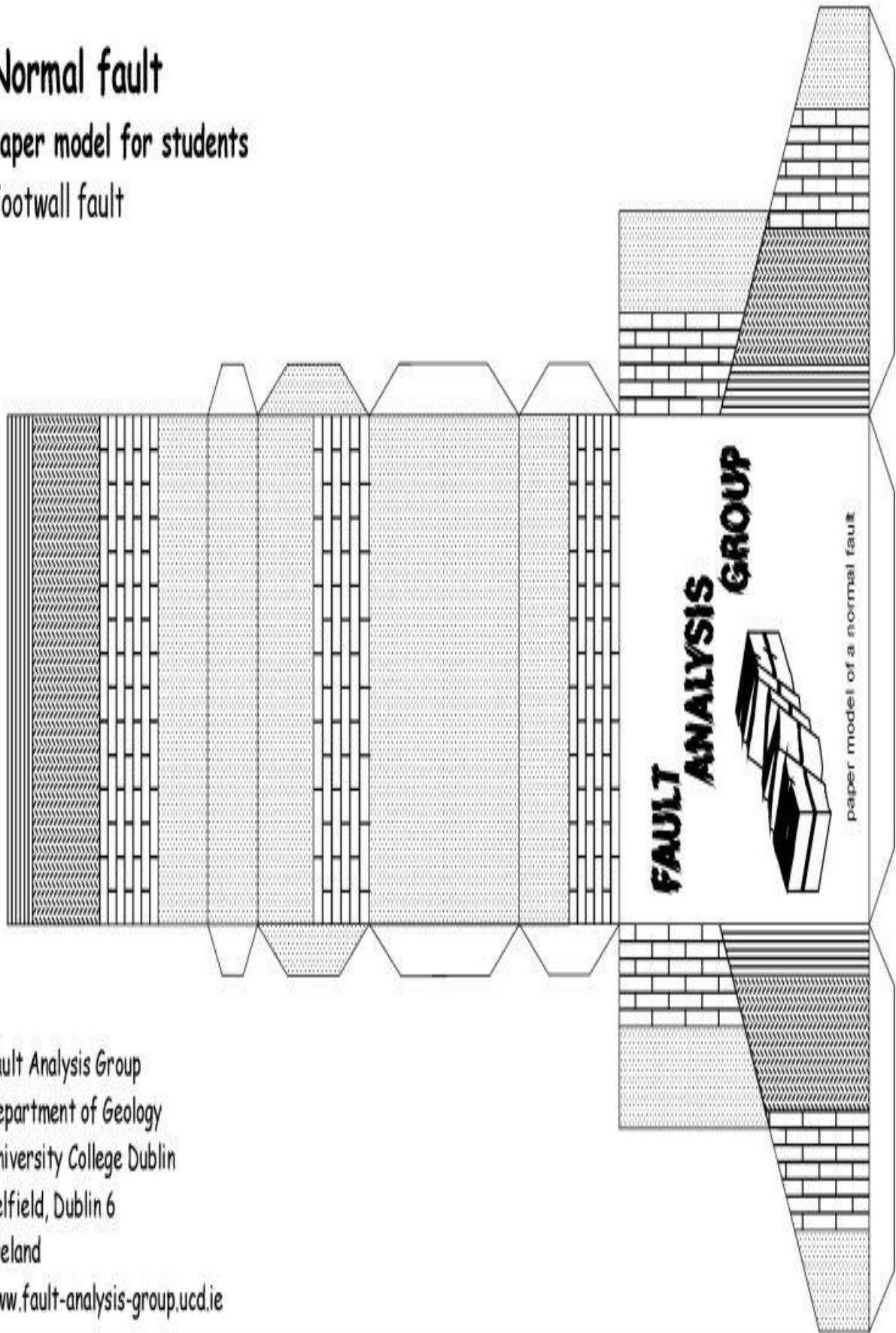


Fault Analysis Group  
Department of Geology  
University College Dublin  
Belfield, Dublin 4  
Ireland  
[www.fault-analysis-group.ucd.ie](http://www.fault-analysis-group.ucd.ie)

**Normal fault**

Paper model for students

Footwall fault



Fault Analysis Group

Department of Geology

University College Dublin

Belfield, Dublin 6

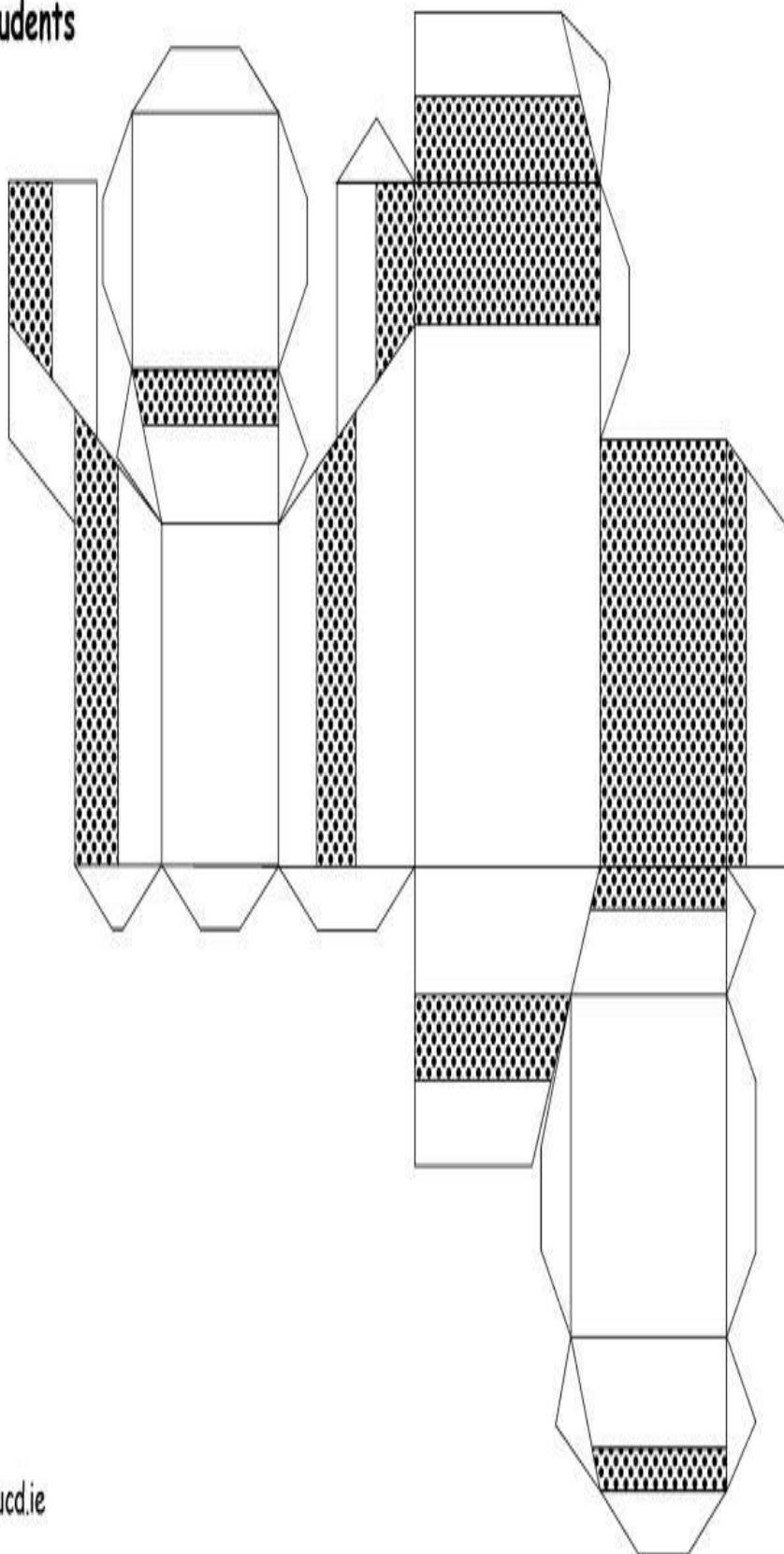
Ireland

[www.fault-analysis-group.ucd.ie](http://www.fault-analysis-group.ucd.ie)

## Two normal faults

Paper model for students

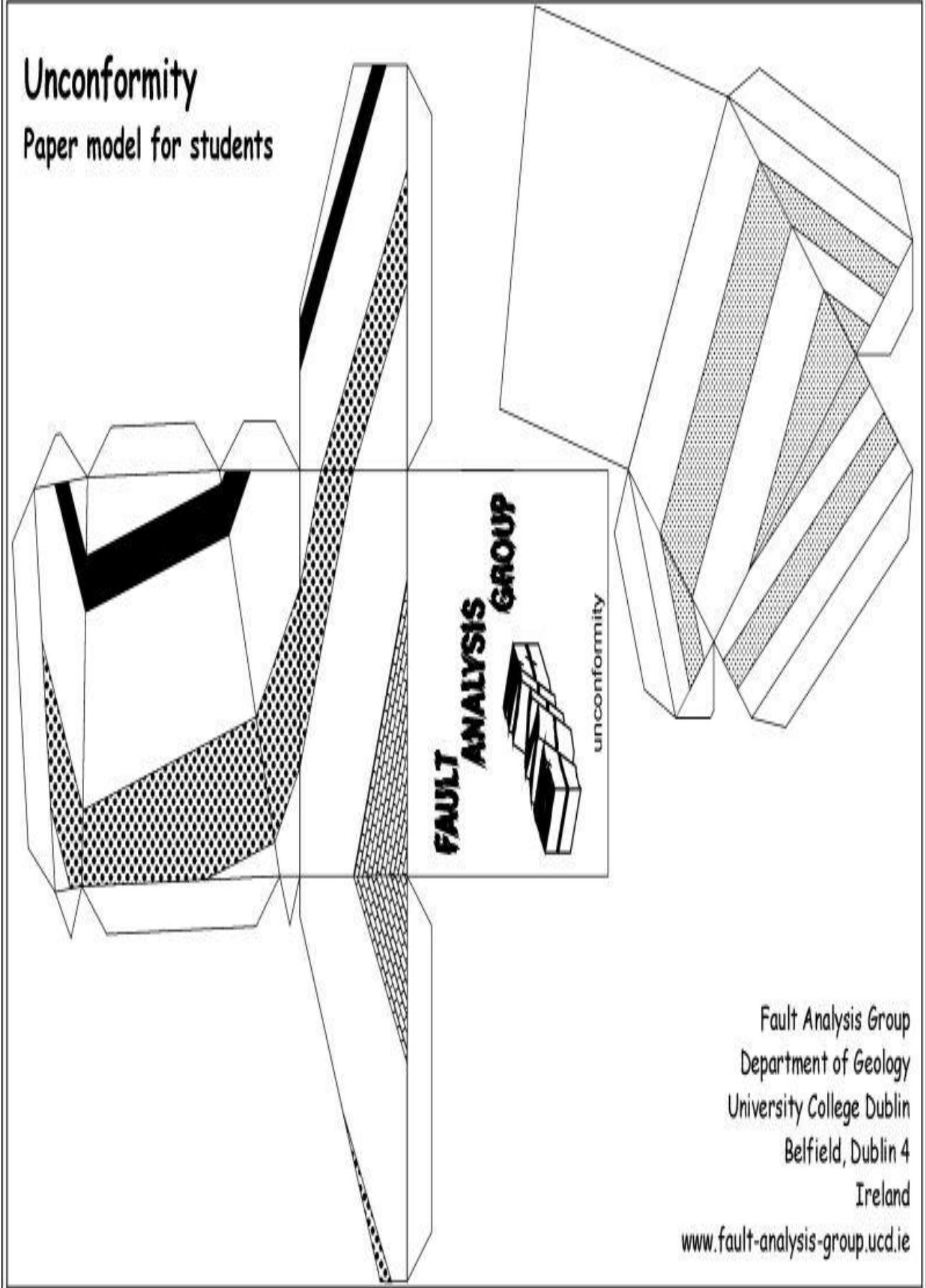
Part 2 (top)



Fault Analysis Group  
Department of Geology  
University College Dublin  
Belfield, Dublin 4  
Ireland  
[www.fault-analysis-group.ucd.ie](http://www.fault-analysis-group.ucd.ie)

# Unconformity

Paper model for students



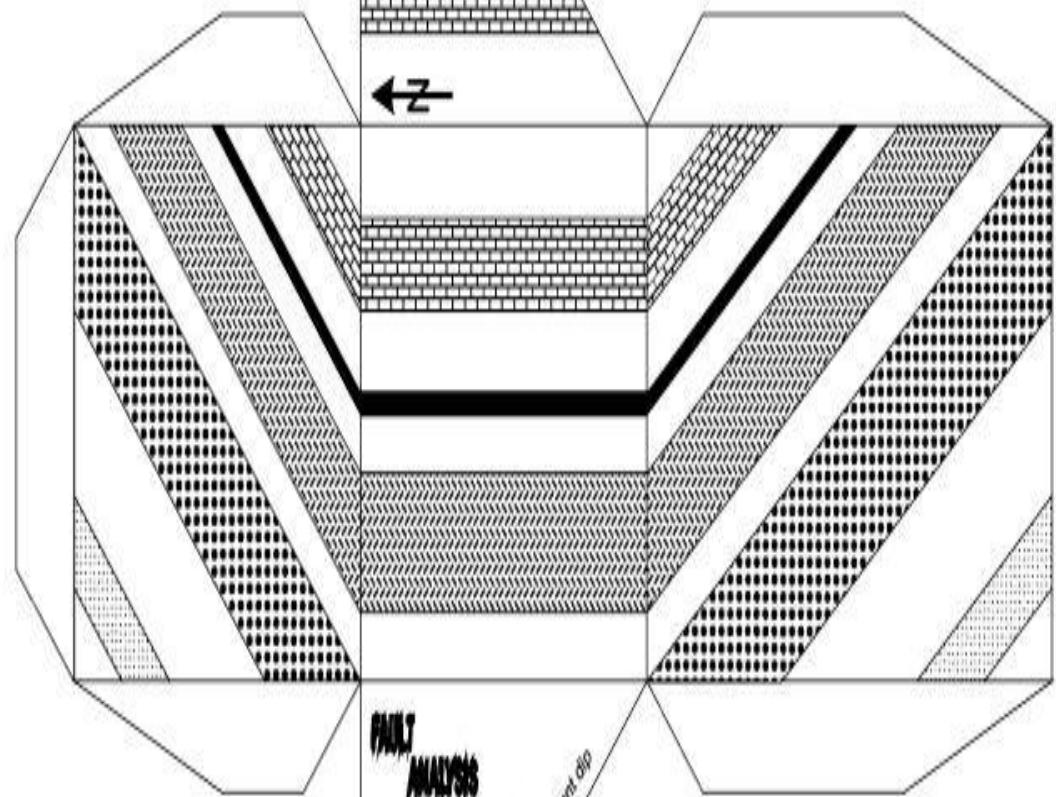
Fault Analysis Group  
Department of Geology  
University College Dublin  
Belfield, Dublin 4  
Ireland

[www.fault-analysis-group.ucd.ie](http://www.fault-analysis-group.ucd.ie)

# True and apparent dip

## Paper model for students

Strike: 180, true dip on E-W striking face: 45W,  
dip on NE-SW striking face?



Fault Analysis Group  
Department of Geology  
University College Dublin  
Belfield, Dublin 4  
Ireland  
[www.fault-analysis-group.ucd.ie](http://www.fault-analysis-group.ucd.ie)

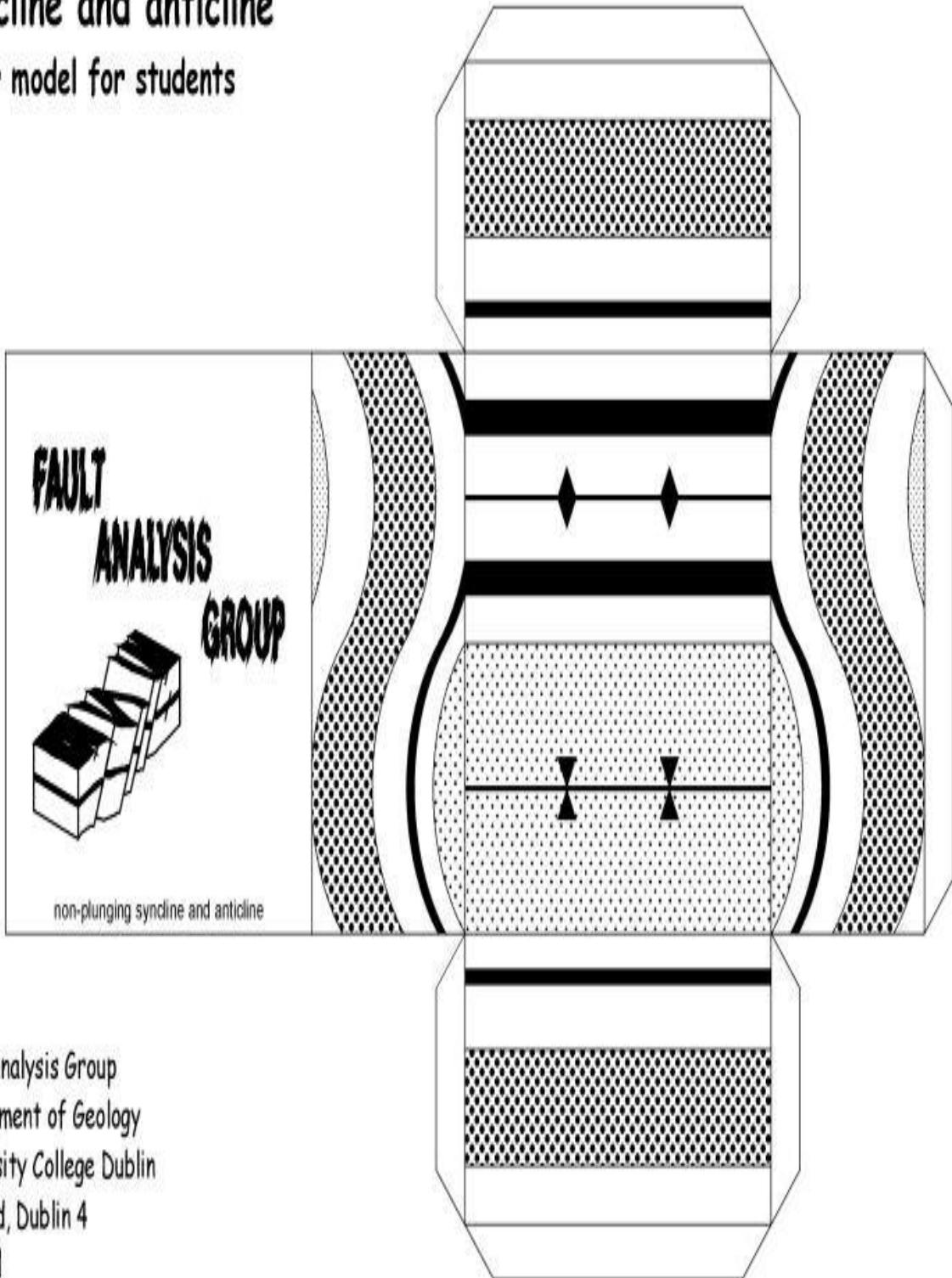


Fault  
Analysis  
Group

paper model illustrating true and apparent dip

# Syncline and anticline

Paper model for students



Fault Analysis Group

Department of Geology

University College Dublin

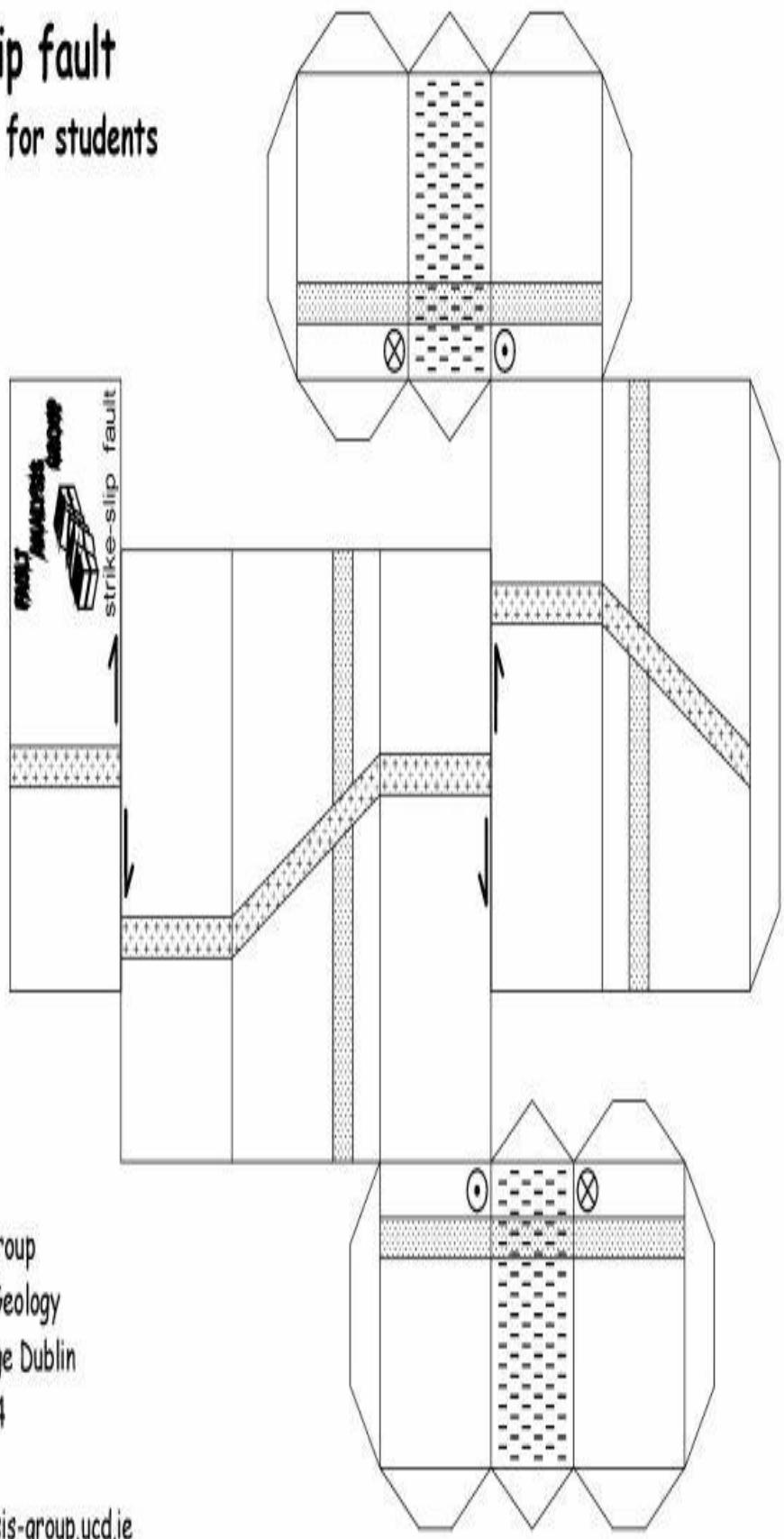
Belfield, Dublin 4

Ireland

[www.fault-analysis-group.ucd.ie](http://www.fault-analysis-group.ucd.ie)

# Strike-slip fault

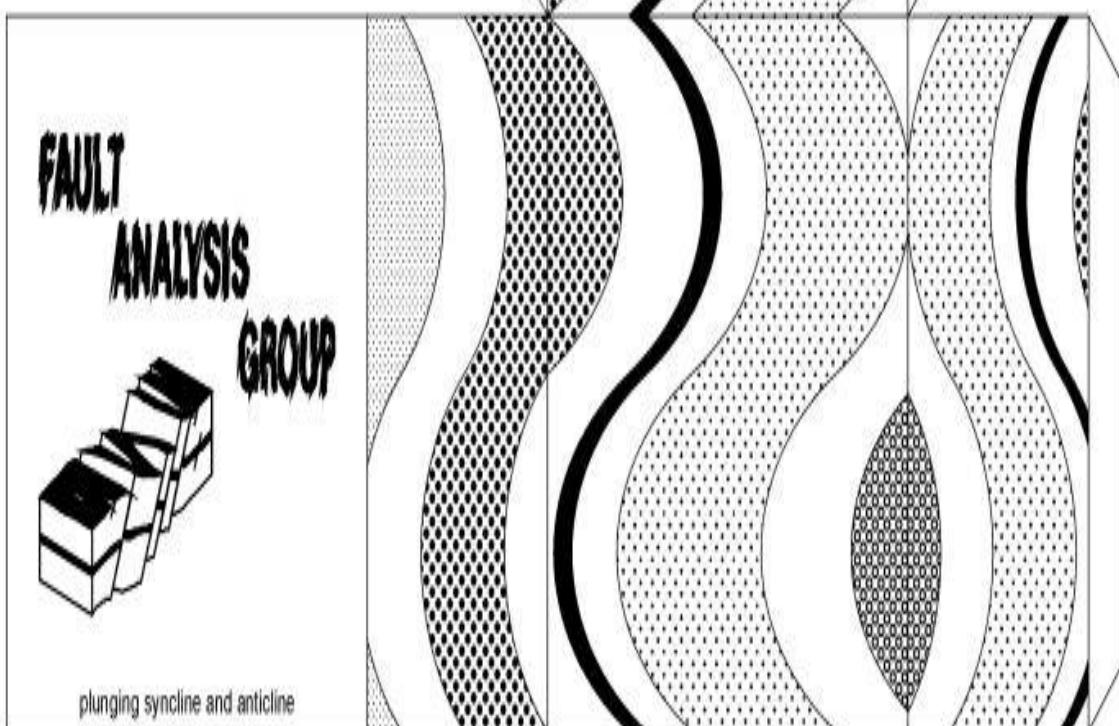
## Paper model for students



Fault Analysis Group  
Department of Geology  
University College Dublin  
Belfield, Dublin 4  
Ireland  
[www.fault-analysis-group.ucd.ie](http://www.fault-analysis-group.ucd.ie)

# Plunging syncline and anticline

Paper model for students



Fault Analysis Group

Department of Geology

University College Dublin

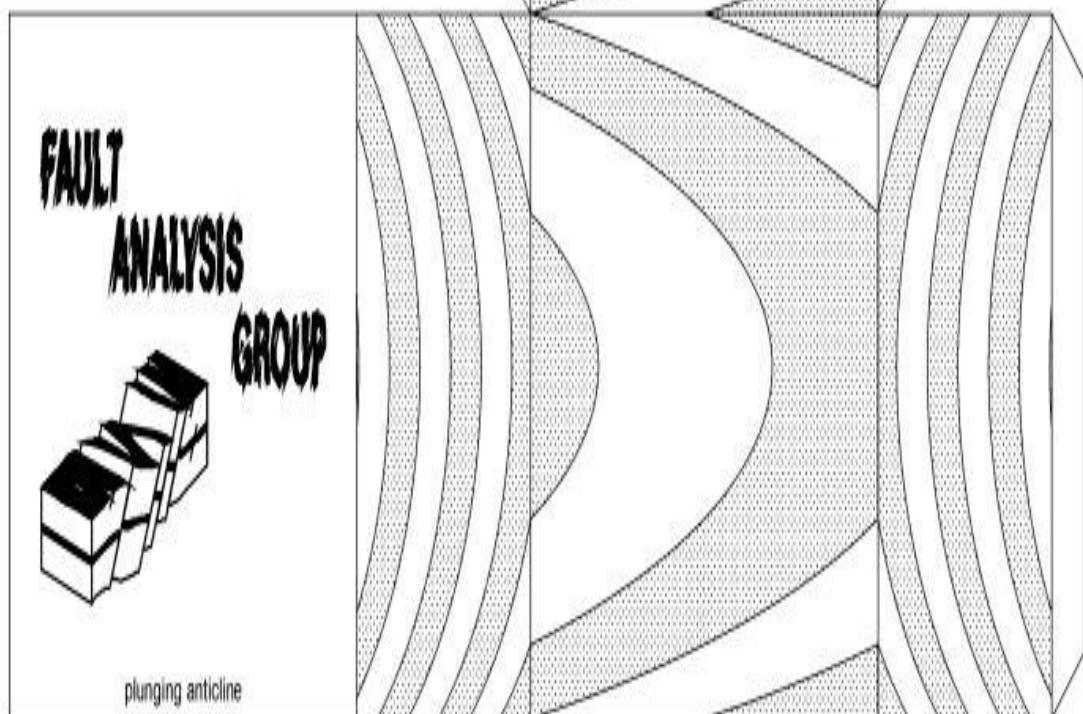
Belfield, Dublin 4

Ireland

[www.fault-analysis-group.ucd.ie](http://www.fault-analysis-group.ucd.ie)

# Plunging anticline

Paper model for students



Fault Analysis Group

Department of Geology

University College Dublin

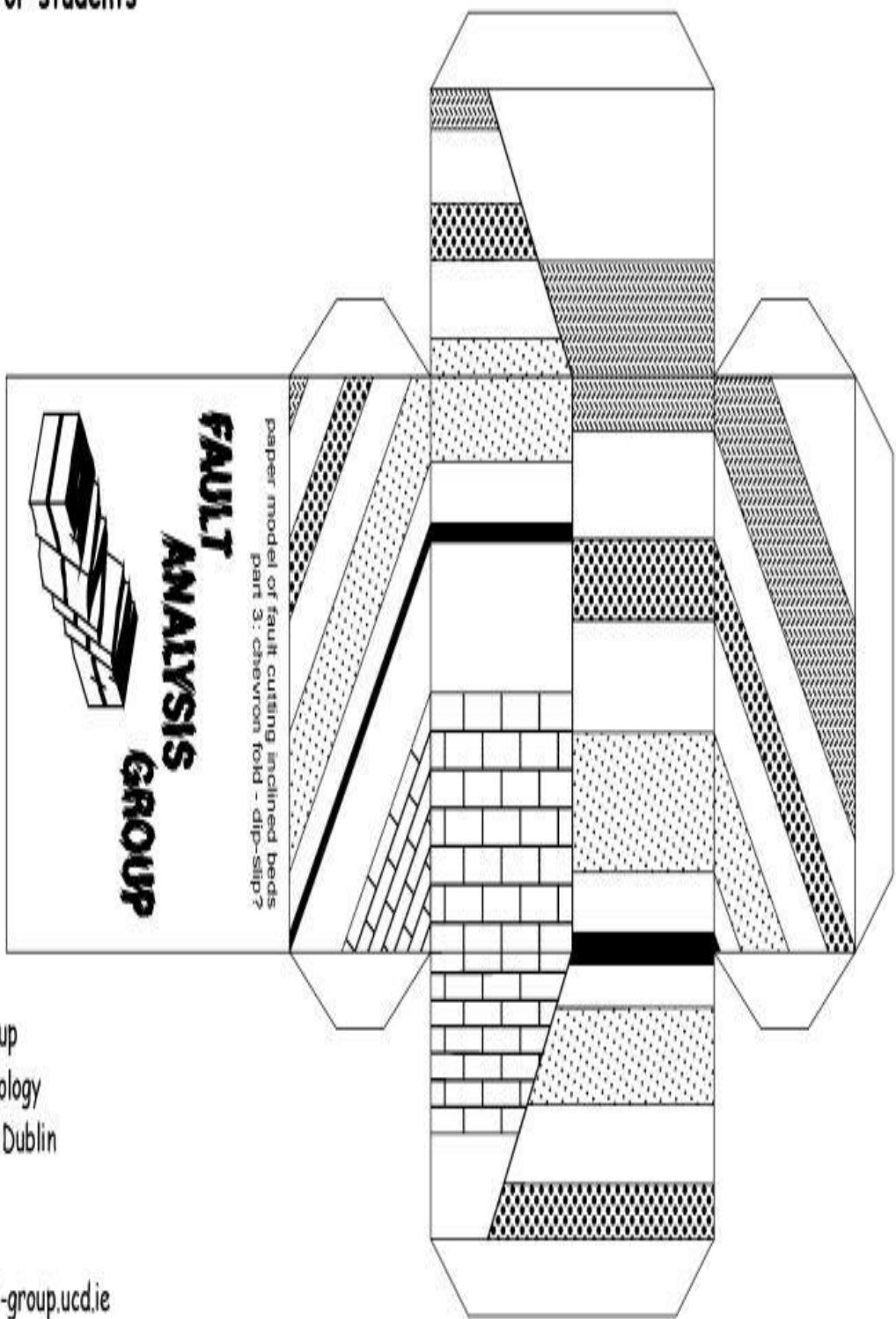
Belfield, Dublin 4

Ireland

[www.fault-analysis-group.ucd.ie](http://www.fault-analysis-group.ucd.ie)

# Fault cutting inclined beds Part 3

Paper model for students



Fault Analysis Group  
Department of Geology  
University College Dublin  
Belfield, Dublin 4  
Ireland  
[www.fault-analysis-group.ucd.ie](http://www.fault-analysis-group.ucd.ie)