

# Multimedia Information Extraction and Retrieval

## Summer Term 2012

### Exercise Sheet 4

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Exercise Session:  
Thursday, May 10, 2012, 8.00-8.45, SBS95-D1025

1. Consider the following three documents:

$d_1$ : “Shipment of gold damaged in a fire.”

$d_2$ : “Delivery of silver arrived in a silver truck.”

$d_3$ : “Shipment of gold arrived in a truck.”

and the query

$q$ : “gold silver truck”

Perform LSI for this input (use a rank 2 approximation). As a result you should rank the documents in order of their cosine similarity (after LSI).