REFERENCES

[1] Abel Cain. Sets and relations. 2:255, 2012.

[2] Marie John. The hunting handicap: costly signaling in human foraging strategies. *Behavioral Ecology and Sociobiology*, 50:9–19, 2008.

[3] Langley Kate. Hobbit: Battle of the five armies. 6:585, 2003.

[4] Jane Mary. A quick take on today's world. 7:295, 2015.

[5] Maite Taboada. Discourse markers as signals (or not) of rhetorical relations. *Journal of Pragmatics*, 38:567–592, 2006.

Pythagoras Theorem : $a^2 + b^2 = c^2$

Data: A set $C = \{c_1, c_2, \ldots, c_r\}$ of denominations of coins, where $c_i > c_2 > \ldots > c_r$ and a positive number n

Result: A list of coins $d_1, d_2, \ldots, d_k$, such that $\sum_{i=1}^{k} d_i = n$ and k is minimized

$C \leftarrow \emptyset$;

for $i \leftarrow 1$ *to* r **do**

  while $n \geq c_i$ **do**

    $C \leftarrow C \cap \{c_i\}$;

    $n \leftarrow n - c_i$;

  end

end

return *C;*

Algorithm 1: CHANGE Makes change using the smallest number of coins

Col1	Col2	Col2	Col3
1	6	87837	787
2	7	78	5415