These nodes have unit storage but have no demand for any content.

1　2　　　　　m

A node for each S_i ┄┄→

Unit capacity edges from each set to the elements of the set ┄┄→

Unit capacity edges to **s** from nodes **1** to **m**.

1

1　1

1　1

A node for each $i \in S$ ┄→

1　2　　　n　　　　　s

Special node ←┄┄
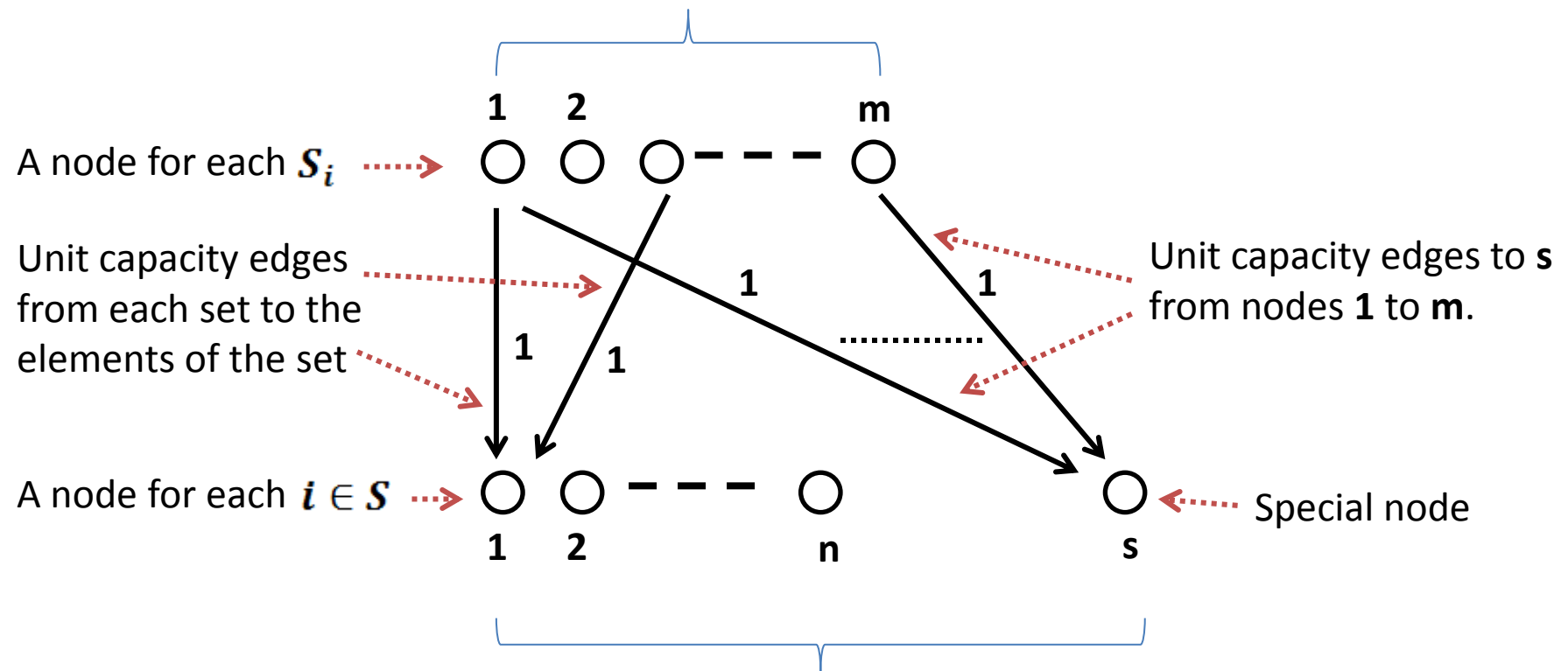
These nodes have no storage but have non-zero demand for content.