```
chan probe[n](message m);

process Node[p = 1 to n] {
  bool links[n] = neighbors of node p;
  int num = number of neighbors;
  message m;
  receive probe[p](m);
  # send m to all neighbors
  for [q = 0 to n-1 st links[q]]
    send probe[q](m);
  # receive num-1 redundant copies of m
  for [q = 1 to num-1]
    receive probe[p](m);
}

process Initiator {  # executed on source node S
  message m = message to broadcast;
  send probe[S](m);
}
```

Figure 9.10 Broadcast using neighbor sets.