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.