```
% load quadsim.m
% Initializer for quadsim.mdl.
% Developed for JHU EP 525.461, UAV Systems & Control
% Adapted from design project in "Small Unmanned Aircraft: Theory and
% Practice", RWBeard & TWMcClain, Princeton Univ. Press, 2012
function [delta_1, delta_2, delta_3, delta_4] =
mapChannelsToMotors(delta e,delta a,delta r,delta t)
% Map quadcopter channels to motors
% Inputs:
응
    delta_e: Elevator
응
    delta_a: Aileron
    delta r: Rudder
    delta_t: Throttle
응
응
% Outputs:
응
    delta_1: front right motor
응
    delta 2: back left motor
9
    delta_3: front left motor
    delta_4: back right motor
    % Map channels to motors
          3 1
           X
          2
    2
    M_{channel_motors} = [1/4, -1/4, 1/4, -1/4;
                        -1/4, 1/4, 1/4, -1/4;
                        1/4, 1/4, -1/4, -1/4;
                        1/4, 1/4, 1/4, 1/4;];
    motor_singal_gain = inv(M_channel_motors) ...
        * [delta_e; delta_a; delta_r; delta_t;];
    delta_1 = motor_singal_gain(1); % front right
    delta_2 = motor_singal_gain(2); % back left
    delta_3 = motor_singal_gain(3); % front left
    delta_4 = motor_singal_gain(4); % back right
end
Not enough input arguments.
Error in mapChannelsToMotors (line 35)
        * [delta_e; delta_a; delta_r; delta_t;];
```

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