

Figure 1 shows a 4x4 grid with X and Y axes ranging from 0 to 3. The grid contains several black cells representing obstacles: (0,0), (0,1), (0,2), (0,3), (3,0), (3,1), (3,2), and (3,3). A 2x2 area of red cells, from (1,1) to (2,2), represents the goal. Three agents are shown: a_1 (green), a_2 (blue), and a_3 (brown). a_1 starts at (2,0) and moves up to (2,2). a_2 starts at (1,0) and moves up to (1,2). a_3 starts at (0,1) and moves right to (2,1). The paths are indicated by colored arrows.

Algorithm 1 An algorithm with caption

while $N \neq 0$ **do**
$$N \leftarrow N - 1$$
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end while

$$spct_{i,j} = \begin{cases} 1, & \neg af(a_j, g_i) \wedge \neg gf(g_i) \\ 0, & af(a_j, g_i) \wedge \neg gf(g_i) \\ 0, & \neg af(a_j, g_i) \wedge gf(g_i) \end{cases} \quad (1)$$

0.1 SubSection

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Algorithm 2 An algorithm with caption

while $N \neq 0$ **do**
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end while



Figure 2: Editorinchie and allow easy communications
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