

| plan  | 0     | 1     | 2     |
|-------|-------|-------|-------|
| $a_0$ | (0,0) | (1,0) | (2,0) |
| $a_1$ | (0,0) | (1,0) | (2,0) |

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**Algorithm 2** An algorithm with caption

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