---------- run separator ----------

W1 =

```
    0.1134    0.3317
   -0.3898   -0.7215
   -0.4444   -0.8602
```

W2 =

```
   -0.6039    0.7297    0.8916
```

jj =

```
     1
```

bb =

```
     1
```

a1 =

```
     1
     1
```

a2 =

```
    0.6095
    0.2476
    0.2134
```

a3 =

```
    0.5007
```

d2 =

```
    0.1252
```

d1 =

```
   -0.0180
    0.0170
    0.0187
```

ii =

```
     1
```

dW1 =

```
   -0.0180   -0.0180
    0.0170    0.0170
    0.0187    0.0187
```

```
dW =

  1×1 cell array

    {3×2 double}


WW_current =

    0.1134    0.3317
   -0.3898   -0.7215
   -0.4444   -0.8602


WW_new =

    0.1224    0.3407
   -0.3983   -0.7300
   -0.4538   -0.8695


ii =

     2


dW2 =

    0.0763    0.0310    0.0267


WW_current =

   -0.6039    0.7297    0.8916


WW_new =

   -0.6420    0.7142    0.8783


jj =

     2


bb =

     1


a1 =

     1
     1


a2 =

    0.6137
    0.2445
    0.2103
```

```
a3 =

    0.4913


d2 =

    0.1228


d1 =

   -0.0187
    0.0162
    0.0179


ii =

     1


dW1 =

   -0.0187   -0.0187
    0.0162    0.0162
    0.0179    0.0179


dW =

  1×2 cell array

    {3×2 double}    {1×3 double}


WW_current =

    0.1224    0.3407
   -0.3983   -0.7300
   -0.4538   -0.8695


WW_new =

    0.1317    0.3501
   -0.4064   -0.7381
   -0.4627   -0.8785


ii =

     2


dW2 =

    0.0754    0.0300    0.0258


WW_current =

   -0.6420    0.7142    0.8783
```

```
WW_new =

   -0.6797    0.6992    0.8654

  DONE - NOW DO FINAL FORWARD PROP

a1 =

     1
     1


a2 =

    0.6182
    0.2415
    0.2073


a3 =

    0.4820

>>
```