

**NAME**

initAMS, freeAMS – Anick-Mitra-Sondhi handling functions

**SYNOPSIS**

```
#include <ams.h>
```

```
AMS *initAMS(int N, double lambda, double c);
```

```
void freeAMS(AMS *);
```

**DESCRIPTION**

**initAMS()** returns a pointer to a AMS structure. This structure, which is defined in <**ams.h**> header file, is as follows:

```
typedef struct {  
    int size;  
    double lambda;  
    double c;  
    double *eig_vals;  
    double *coeffs;  
    char *signs;  
} AMS;
```

**freeAMS()**

deletes the AMS structure and frees the memory associated with it

**SEE ALSO**

EvAMS(3), GAMS(3)