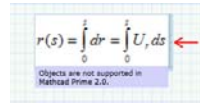


- **Annotation:** 'Objects are not supported in Mathcad Prime 2.0'. The object on the left was copied into Mathcad 15. Conversion to Prime gives the object on the right, which cannot be modified.

$$r(s) = \int_0^s dr = \int_0^s U_r ds$$

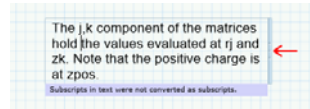


- **Annotation:** 'Results cannot be displayed as tables in Mathcad Prime 2.0. The result is displayed in a matrix. The accuracy is not affected'. Data in Mathcad 15 (left) and Prime (right).

	0	1	2	3	4	5	6	7	8	9	10
0	0	0	0	0	0	0	0	0	0	0	0
1	0	0.16	0.345	0.564	0.766	0.941	0.766	0.564	0.345	0.16	0
2	0	0.295	0.664	1.146	1.665	1.837	1.665	1.146	0.664	0.295	0
3	0	0.361	0.87	1.704	2.913	3.19	2.913	1.704	0.87	0.361	0
4	0	0.279	0.76	1.89	5.1	5.1	5.1	1.89	0.76	0.279	0
5	0	0	0	0	0	0	0	0	0	0	0
6	0	-0.279	-0.76	-1.89	-5.1	-5.1	-5.1	-1.89	-0.76	-0.279	0
7	0	-0.361	-0.87	-1.704	-2.913	-3.19	-2.913	-1.704	-0.87	-0.361	0
8	0	-0.295	-0.664	-1.146	-1.665	-1.837	-1.665	-1.146	-0.664	-0.295	0
9	0	-0.16	-0.345	-0.564	-0.766	-0.941	-0.766	-0.564	-0.345	-0.16	0
10	0	0	0	0	0	0	0	0	0	0	0

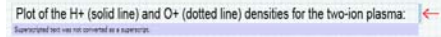
- **Annotation:** 'Subscripts in text were not converted as subscripts'.

The j,k component of the matrices hold the values evaluated at  $r_j$  and  $z_k$ . Note that the positive charge is at  $z_{pos}$ .

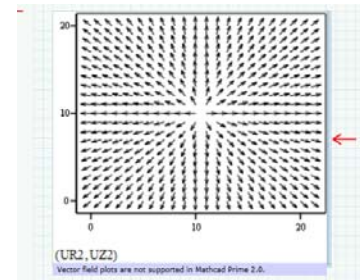
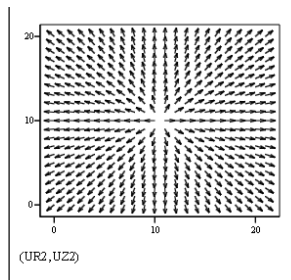


- **Annotation:** 'Superscripted text was not converted as superscript'.

Plot of the  $H^+$  (solid line) and  $O^+$  (dotted line) densities for the two-ion plasma:

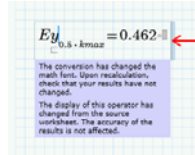


- **Annotation:** 'Vector field plots are not supported in Mathcad Prime 2.0'. The plot on the left was created with Mathcad 15. The conversion gives the image on the right, which is just an object that cannot be modified.



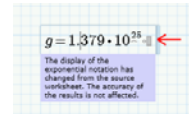
- Annotation:** here are two annotations in the same box. The top one: 'The conversion has changed the math font. Upon recalculation, check that your results have not changed'. This appears to be just a simple formatting change and no changes were noticed when recalculating results in Prime. The bottom one: 'The display of this operator has changed from the source worksheet. The accuracy of the results is not affected'. Again, this is an unimportant formatting change.

$$Ey_{0.5kmax} = 0.462$$



- Annotation:** 'The display of the exponential notation has changed from the source worksheet. The accuracy of the results is not affected'. Again, this is an unimportant formatting change.

$$g = 1.379 \times 10^{25}$$



- Annotation:** 'Plot labels are not supported in Mathcad Prime 2.0. Use text boxes to label your plot'.

