

# ISO/IEC TR 9573-13:1991-07 (E)

## Information technology; SGML support facilities; techniques for using SGML; part 13: public entity sets for mathematics and science

---

<b>Contents</b>		<b>Page</b>
<b>1</b>	<b>Scope</b> .....	<b>1</b>
<b>2</b>	<b>Reference</b> .....	<b>1</b>
<b>3</b>	<b>Definitions</b> .....	<b>1</b>
<b>4</b>	<b>General considerations</b> .....	<b>2</b>
<b>4.1</b>	<b>Format of Declarations</b> .....	<b>2</b>
<b>4.2</b>	<b>Corresponding Display Entity Sets</b> .....	<b>2</b>
<b>4.3</b>	<b>Entity Names</b> .....	<b>3</b>
<b>4.4</b>	<b>Organization of Entity Sets</b> .....	<b>3</b>
<b>5</b>	<b>Entity names, characteristic glyph, registered glyph identifier, and Short description</b> .....	<b>4</b>
<b>5.1</b>	<b>Basic mathematical and scientific symbols</b> .....	<b>4</b>
<b>5.1.1</b>	<b>General</b> .....	<b>4</b>
<b>5.1.2</b>	<b>Greek Symbols</b> .....	<b>13</b>
<b>5.1.3</b>	<b>Alternative Greek Symbols</b> .....	<b>16</b>
<b>5.2</b>	<b>Additional mathematical symbols</b> .....	<b>19</b>
<b>5.2.1</b>	<b>Ordinary Symbols</b> .....	<b>19</b>
<b>5.2.2</b>	<b>Binary and Large Operators</b> .....	<b>22</b>
<b>5.2.3</b>	<b>Relations</b> .....	<b>28</b>
<b>5.2.4</b>	<b>Negated Relations</b> .....	<b>39</b>
<b>5.2.5</b>	<b>Arrow Relations</b> .....	<b>44</b>
<b>5.2.6</b>	<b>Opening and Closing Delimiters</b> .....	<b>52</b>
<b>5.3</b>	<b>Symbols based on the Latin alphabet</b> .....	<b>54</b>
<b>5.3.1</b>	<b>Fraktur</b> .....	<b>54</b>
<b>5.3.2</b>	<b>Open Face (Blackboard Bold)</b> .....	<b>57</b>
<b>5.3.3</b>	<b>Script</b> .....	<b>59</b>
<b>6</b>	<b>Public text</b> .....	<b>62</b>
<b>6.1</b>	<b>Basic mathematical and scientific symbols</b> .....	<b>62</b>
<b>6.1.1</b>	<b>General</b> .....	<b>62</b>
<b>6.1.2</b>	<b>Greek Symbols</b> .....	<b>65</b>
<b>6.1.3</b>	<b>Alternative Greek Symbols</b> .....	<b>65</b>
<b>6.2</b>	<b>Additional mathematical symbols</b> .....	<b>66</b>
<b>6.2.1</b>	<b>Ordinary Symbols</b> .....	<b>66</b>
<b>6.2.2</b>	<b>Binary and Large Operators</b> .....	<b>68</b>
<b>6.2.3</b>	<b>Relations</b> .....	<b>70</b>
<b>6.2.4</b>	<b>Negated Relations</b> .....	<b>73</b>
<b>6.2.5</b>	<b>Arrow Relations</b> .....	<b>75</b>
<b>6.2.6</b>	<b>Opening and Closing Delimiters</b> .....	<b>77</b>
<b>6.3</b>	<b>Symbols based on the Latin alphabet</b> .....	<b>78</b>
<b>6.3.1</b>	<b>Fraktur</b> .....	<b>78</b>
<b>6.3.2</b>	<b>Open Face (Blackboard Bold)</b> .....	<b>79</b>
<b>6.3.3</b>	<b>Script</b> .....	<b>80</b>
	<b>Annex A Bibliography</b> .....	<b>82</b>