## BASISBOEK WISKUNDE

### Errata

N.B.: Bij elke nieuwe druk worden de gevonden fouten gecorrigeerd.

<table>
<thead>
<tr>
<th>Datum</th>
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<th>bladzijde</th>
<th>er staat:</th>
<th>er moet staan:</th>
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<tbody>
<tr>
<td>01-10-2005</td>
<td>Nabi Abudalah</td>
<td>264, regel 21</td>
<td>$-32a^4 - 32b^4$</td>
<td>$-32a^4 + 32b^4$</td>
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<tr>
<td>25-08-2005</td>
<td>Ing. A.S. Tigelaar</td>
<td>257, 1.16 a</td>
<td>${1, 2, 3, 4, 6, 8, 9, 12, 16, 24, 36, 48, 72}$</td>
<td>${1, 2, 3, 4, 6, 8, 9, 12}$</td>
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<tr>
<td>03-05-2005</td>
<td>Max van den Aker</td>
<td>279, 17.5.c</td>
<td>172.5$^2$</td>
<td>82.5$^2$</td>
</tr>
<tr>
<td>20-04-2006</td>
<td>Evert van de Vrie</td>
<td>270, 10.11 d</td>
<td>$-2 \pm 2\sqrt{2}$</td>
<td>$2 \pm 2\sqrt{2}$</td>
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<tr>
<td>05-01-2005</td>
<td>Max van den Aker</td>
<td>271, 10.26 a</td>
<td>$a = \frac{x}{y}$ + $2k\pi$</td>
<td>$x = \frac{5\pi}{6} + 2k\pi$</td>
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<tr>
<td>19-10-2005</td>
<td>Ing. A.S. Tigelaar</td>
<td>264, 5.11 c</td>
<td>$81a^4 - 90a^2b^2 + 25b^2$</td>
<td>$81a^4 - 90a^2b^2 + 25b^4$</td>
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<tr>
<td>12-12-2005</td>
<td>N.J. Schoonderbeek</td>
<td>287, 20.26 e</td>
<td>$\frac{x^2 + 2x + 1}{x^2 + 2x + 1}$</td>
<td>$\frac{x^2 + 2x + 1}{x^2 + 2x + 1}$</td>
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<tr>
<td>20-04-2006</td>
<td>Evert van de Vrie</td>
<td>270, 10.18 c</td>
<td>$\frac{9\pm\sqrt{73}}{2}$</td>
<td>$\frac{9\pm\sqrt{73}}{2}$</td>
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<td>20-04-2006</td>
<td>Evert van de Vrie</td>
<td>280, 17.17 b</td>
<td>$x = \frac{2\pi}{3} + 2k\pi$ or $x = \frac{4\pi}{3} + 2k\pi$</td>
<td>$x = \frac{5\pi}{6} + 2k\pi$</td>
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<td>09-05-2006</td>
<td>Ing. A.S. Tigelaar</td>
<td>270, 10.6 e</td>
<td>$x = \frac{2}{3}$, $x = \frac{3}{2}$</td>
<td>$x = \frac{2}{3}$, $x = \frac{3}{2}$</td>
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<tr>
<td>06-06-2006</td>
<td>Ing. A.S. Tigelaar</td>
<td>259, 3.23 e</td>
<td>$-84\sqrt{15}$</td>
<td>$84\sqrt{15}$</td>
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<tr>
<td>24-08-2006</td>
<td>Mathijs Schuts</td>
<td>265, 5.29 e</td>
<td>$144a^8 - 169$</td>
<td>$144a^{12} - 169$</td>
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<tr>
<td>01-10-2006</td>
<td>Niël Dogger</td>
<td>262, 4.41 a</td>
<td>$3a^2b(ab + 6)$</td>
<td>$3a^2b(ab + 2)$</td>
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<td>01-10-2006</td>
<td>Niël Dogger</td>
<td>262, 4.41 b</td>
<td>$3a^2b(a^2b^2 - 3ab + 4)$</td>
<td>$3a^2b(2a^2b^2 - 3ab + 4)$</td>
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<td>08-10-2006</td>
<td>Niël Dogger</td>
<td>266, 6.9 c</td>
<td>$\frac{6a^2 + 2a}{2b}$</td>
<td>$\frac{6a^2 + 2a}{2b}$</td>
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<td>12-10-2006</td>
<td>Niël Dogger</td>
<td>266, 6.6 d</td>
<td>laatste termen van de teller +2b - 2c</td>
<td>laatste termen van de teller +3b - 3c</td>
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<td>03-11-2006</td>
<td>Niël Dogger</td>
<td>274, 13.9 c</td>
<td>$5x - 8y = 89$</td>
<td>$5x - 8y = -39$</td>
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<tr>
<td>11-01-2007</td>
<td>Paul Bles</td>
<td>262, 4.37 c</td>
<td>$-6(3a + 4b - 2c)$</td>
<td>$-6(3a + 4b + 2c)$</td>
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<td>17-12-2007</td>
<td>J. Bon</td>
<td>265, 5.21 e</td>
<td>$6a^3(10a + 2)(10a - 2)$</td>
<td>$24a^3(5a + 1)(5a - 1)$</td>
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<tr>
<td>05-01-2008</td>
<td>Max van den Aker</td>
<td>271, 10.26.a</td>
<td>$x = \pm \frac{1}{2}\sqrt{10 \pm 2\sqrt{29}}$</td>
<td>$x = \pm \frac{1}{2}\sqrt{10 \pm 2\sqrt{29}}$</td>
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<td>05-01-2008</td>
<td>Max van den Aker</td>
<td>271, 10.26.b</td>
<td>$x = \frac{1}{2}\sqrt{8}$</td>
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<td>12-01-2008</td>
<td>Max van den Aker</td>
<td>267, 7.4.d</td>
<td>$12a^2b^2 + 16b^3$</td>
<td>$12a^2b^2 + 16b^3$</td>
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<tr>
<td>05-02-2008</td>
<td>Evelien de Greef</td>
<td>266, 5.43.d</td>
<td>$5a^6 - 24a^4$</td>
<td>$5a^6 - 24a^4$</td>
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<tr>
<td>25-02-2008</td>
<td>Bas Benelmans</td>
<td>277, 15.25.b</td>
<td>resp. $M = (1, 2, 0)$</td>
<td>resp. $M = (1, 0, 2)$</td>
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<td>29-02-2008</td>
<td>Max van den Aker</td>
<td>274, 14.6.c</td>
<td>$x^2 + y^2 - 2y - 1 = 0$</td>
<td>$x^2 + y^2 + 2y - 1 = 0$</td>
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<td>16-03-2008</td>
<td>Kevin de Berk</td>
<td>78, 10.20.e</td>
<td>$4x^2 - 8x^2 + 1 = 0$</td>
<td>$4x^2 - 8x + 1 = 0$</td>
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<td>172.5$^2$</td>
<td>82.5$^2$</td>
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<tr>
<td>20-05-2008</td>
<td>Kevin de Berk</td>
<td>273, 12.15.b</td>
<td>nee</td>
<td>ja</td>
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<td>Datum</td>
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<td>22-06-2008</td>
<td>Max van den Aker</td>
<td>287, 20.32.b</td>
<td>$-10!x^{-10}$</td>
<td>$-9!x^{-10}$</td>
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<td>17-09-2008</td>
<td>Veditam Bishoen</td>
<td>116, 15.24.e</td>
<td>$x^2 + y^2 + z^2 + 6x - 4z - 9 = 0$</td>
<td>$x^2 + y^2 + z^2 + 6x - 4z - 8 = 0$</td>
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<tr>
<td>09-12-2008</td>
<td>Max van den Aker</td>
<td>281, 17.43.e</td>
<td>$\frac{4\pi}{5}$</td>
<td>$-\frac{\pi}{5}$</td>
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<tr>
<td>06-11-2009</td>
<td>Jerry van Ulden</td>
<td>275, 14.15.b</td>
<td>geen opl.</td>
<td>$(1,1); (\frac{161}{101}; \frac{167}{101})$</td>
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<tr>
<td>25-11-2009</td>
<td>Jerry van Ulden</td>
<td>115, r. 6 v.o.</td>
<td>$(0,-1,1)$</td>
<td>$(0,1,-1)$</td>
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<tr>
<td>02-12-2009</td>
<td>Jerry van Ulden</td>
<td>276, 15.21.a</td>
<td>$\ldots - 16 = 0$</td>
<td>$\ldots + 16 = 0$</td>
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</tbody>
</table>

Op de bladzijden 282 en 283 wordt bij de antwoorden op de opgaven 18.1 tot en met 18.4 de horizontale asymptoot telkens gegeven in de vorm $x = \ldots$. Dit moet zijn $y = \ldots$ (9 december 2005, gesignaleerd door Loek Spitz).

23 januari 2008: Robert van Eekhout signaleerde de volgende fout op bladzijde 45: in voorbeeld 4 (op de vierde regel van onderen) staat in de teller van de laatste breuk $b(2a - 5c)$. Dit moet zijn $b(2a - 5)$.

10 maart 2008: Naar aanleiding van een opmerking van Max van den Aker hebben we de tekst op bladzijde 62, regel 3 als volgt aangepast: $\ldots$ te delen door een ‘dominante term’ in de noemer, bijvoorbeeld de hoogste macht.