## Psalm 37- Logotechnical Analysis

## Guidelines

- Please read the General Introduction as well as the Introduction to Book I.
- For common features found in the numerical analysis charts, see the "Key to the charts".


## Specific features of Psalm 37

- Psalm 37 is an intricate alphabetic acrostic, and in other ways as well the author managed to create an astoundingly skilful composition. He used the numerical value of the keyword רְשָׁעִים, 'the wicked' (80) to determine the number of words in the central section, vs. 12-22, a description of the ways of the wicked. The core is surrounded by a framework dealing with the contrast between the wicked and the righteous.
- The canto/sub-canto structure is determined by the contrast between the righteous and the wicked, in combination with four references to the inheriting of the land by the righteous, which appear to have a demarcating function. See Observation 3.
- In a most impressive way the author focusses attention on the meaningful centre, v. 20, which is about the vanishing of the wicked.


## Strophic structure - Canto/Stanza boundary: ||| Sub-canto: || Canticle boundary: |

- Van der Lugt: 1-2, 3-4, 5-6 | 7-9, 10-11 || 12-13, 14-15 | 16-17, 18-20 ||| 21-22, 23-24, 25-26 | 27-28b, 28c-29 || 30-31, 32-33, 34-36 | 37-38, 39-40 (2 cantos with 4 sub-cantos and 8 canticles, 19 strophes, 42 verselines, and 89 cola).
- Fokkelman: 1-2, 3-4, 5-6 | 7, 8-9, 10-11 | 12-13, 14-15, 16-17 || 18-19, 20, 21-22, 23-24 || $25-26|27-28 b, 28 c-29| 30-31,32-33,34 \mid 35-36,37-38,39-40$ ( 8 stanzas with 22 strophes, 43 verselines and 90 cola, taking v. 34a as a bicolon and v. 34 as a 2-verseline strophe; he has 298 words, inserting one word in v. 28c (see HBS).
- Labuschagne: 1-2, 3-4, 5-6 | 7-9, 10-11 || 12-13, 14-15 | 16-17, 18-19, $20-22$ ||| 23-24, 25-26 | 27-28b, 28c-29 || 30-31, 32-33, 34 || 35-36, 37-38, 39-40 (2 cantos with 5 subcantos and 8 canticles, 20 strophes, 42 verselines and 89 cola).
- For an overview of other divisions of the text, see Van der Lugt, CAS, Psalm 37, § 6.


## Logotechnical analysis

- Columns $\mathbf{a}$ and $\mathbf{b}$ show the number of words before and after the atnach.
- Column c: words describing the contrast between the righteous and the wicked;
- Column d: words specifically describing the ways of the wicked.
- The numbering of the verselines is shown in brown.



(רְשִִָׁים = 80
$(20+21+16+10+13=80)$

|  |  | 2 | 2 | 2 |
| :---: | :---: | :---: | :---: | :---: |
|  | 15 | 3 | 3 | 3 |


3

Strophe 7 Total, vs. 14-15
Canticle I.2.1 Total, v. 12-15

$$
\begin{array}{r}
2 \\
\frac{2}{6}=11+5=0+16 \\
\hline 16=17+13=0+30
\end{array}
$$

18


## Strophe 8

```
17 3
```3

וְנַחֲלָתָּם לְשוֹלָם תִּחְיֶה:
Total, v. 18
19

Total, v. 19
Strophe 9
Total, v. 18-19
Canticle I.2.2
Total, v. 16-19
Total, v. 14-19

Middle word
21 2nd mid. verseline: \(\sqrt{4}\)
וְיַצִּיק חוֹנֵן וְנוֹתֵן: Middle colon \((44+1+44)\)
Total, v. 20-21
\(2242=20+2+20\)
-יִּרְשּׁ אָרֶּ
כִּי מְבֹרָכָיוּ

Strophe 10 Total, v. 20-22
Canticle I.2.3 Total, v. 12-22
Canto I
Total v. 1-22
 424

3
\(17=11+6=0+17\)
23


Strophe 11
\begin{tabular}{|c|c|c|c|}
\hline  & 24 & 3 & 3 \\
\hline  & & 3 & 3 \\
\hline  & 25 & 4 & 4 \\
\hline
\end{tabular}

 26

\begin{tabular}{rr}
4 & 4 \\
4 & 4
\end{tabular}

 ִַיְרְעשוֹ לְבְרָכָה:
Strophe 12 Total, v. 25-26
Canticle II.1.1 Total, v. 23-26
Total, v. 20-26
סוּר מֵּרָעע וַשְׁשֵּה־טוֹב וּשְׁכן לְעוֹלָםם:


Strophe 13 Total, v. 27-28b
\begin{tabular}{lllll}
27 & 4 & 4 & 3 & 3 \\
\hline
\end{tabular}


\section*{302}
\begin{tabular}{|c|c|c|c|c|c|c|c|}
\hline & ְיֶזרע & & 3 & & 3 & 3 & \\
\hline \multirow[t]{2}{*}{LAND} &  & 31 & 3 & 3 & & 3 & \\
\hline &  & & 3 & & 3 & 3 & \\
\hline Strophe 14 & Total, v. 28c-29 & & 11 & \(=5\) & + 6 & \(=11\) & + 0 \\
\hline \multirow[t]{5}{*}{Canticle II.1.2} & . 2 Total, v. 27-29 & & 25 & \(=19\) & + 6 & = 25 & + 0 \\
\hline & I. 1 Total, v. 23-29 & & 56 & \(=41\) & + 15 & \(=56\) & + 0 \\
\hline & Total, v. 21-29 & & 86 & \(=60\) & + 26 & \(=73\) & + 13 \\
\hline & Total, v. 12-29 & & 136 & \(=88\) & + 48 & \(=56\) & + 80 \\
\hline & Total, v. 1-29 & & 220 & \(=131\) & + 89 & \(=220\) & + 0 \\
\hline \multicolumn{2}{|r|}{} & 32 I & - 4 & 4 & & 4 & \\
\hline \multicolumn{2}{|r|}{} & & 3 & & 3 & 3 & \\
\hline \multicolumn{2}{|r|}{} & 33 & 3 & 3 & & 3 & \\
\hline & לֹא תִמְעַך & & 3 & & 3 & 3 & \\
\hline \multirow[t]{3}{*}{Strophe 15} & Total, v. 30-31 & & 13 & \(=7\) & + 6 & \(=13\) & + 0 \\
\hline &  & 34 & 3 & 3 & & 3 & \\
\hline &  & & 2 & & 2 & 2 & \\
\hline \multicolumn{2}{|r|}{} & 35 & 4 & 4 & & 4 & \\
\hline \multicolumn{2}{|r|}{} & & 3 & & 3 & 3 & \\
\hline \multirow[t]{2}{*}{Strophe 16} & Total, v. 32-33 & & 12 & \(=7\) & + 5 & \(=12\) & + 0 \\
\hline & Total, v. 23-33 & & 81 & \(=55\) & + 26 & \(=81\) & + 0 \\
\hline
\end{tabular}

34

36 P
\begin{tabular}{rrrr}
5 & 5 & 5 \\
3 & 3 & 3 \\
3 & 3 & 3 \\
3 & \\
11 & \(=8+3\) & \(=11+0\) \\
\hline 36 & \(=22+14\) & \(=36+0\)
\end{tabular}
\begin{tabular}{|c|c|}
\hline &  \\
\hline &  \\
\hline &  \\
\hline &  \\
\hline Strophe 18 & Total, v. 35-36 \\
\hline & Total, v. 23-36 \\
\hline
\end{tabular}
\begin{tabular}{|c|c|c|c|c|c|}
\hline \multirow[t]{2}{*}{37} & 73 & 3 & & 3 & \\
\hline & 3 & & 3 & 3 & \\
\hline \multirow[t]{4}{*}{38} & 3 & 3 & & 3 & \\
\hline & 3 & & 3 & 3 & \\
\hline & 12 & \(=6\) & + 6 & \(=12\) & + 0 \\
\hline & 104 & \(=69\) & + 35 & \(=104\) & + 0 \\
\hline
\end{tabular}
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39 4 4 4

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            \(30 \quad 3 \quad 3 \quad 3\)

            \(\begin{array}{ll}\text { Strophe } 19 & \text { Total, v. 37-38 } \\ & \text { Total, v. 35-38 }\end{array}\)

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41\Omega*3 3

```

            3
                4233
            33
                            3

            33
                3


            Strophe 20
                        Total, v. 39-40
                            Total, v. 37-40
            Sub-canto II. 3 Total, v. 35-40
                        Total, v. 34-40
                        Total, v. 27-40
                        3
                            \(3 \quad 3\)
\(15=9+6=15+0\)
\(29=16+13=29+0\)
        \(41=22+19=41+0\)
\(52=30+22=52+0\)
            \(102=63+39=102+0\)
    Canto II
                            Total, v. 23-40
                            \(133=85+48=133+0\)
                            Total, v. 20-40
                            \(156=100+56=123+33\)
                        Total, v. 1-40
                            \(\frac{297=175+122}{298=176+122}=217+80\)
            With the heading, v. 1-40
- *V. 28: the ל before the adverb לְ לְוֹלָם in v. 28 has probably been added at a later stage, in accordance with the more common usage of לְשוֹלָם instead of עוֹלָם. In all probability, the וֹוֹשׁוּעַת in vefore in 39 has also been added later - see BHS. The addition of the word עוּלים in 28c to restore the ayin-verseline (see BHS), would spoil the numerical structure.

\section*{Observations}
1. The arithmetic centre of the 297 words of the psalm is constituted primarily by the middle word כָּ end of v. \(20,(297=146+2+1+2+146=146+5+146)\) :


Like the glory of the pastures, they vanish - like smoke they vanish.
Though these five words overlap the colon structure, they are grammatically correct (see the layout in \(B H S\) ) and can therefore be regarded as the meaningful centre of the psalm on word level. Its central position is highlighted by several compositional devices.
- The centre on word level occurs at the boundary of the two halves of the alphabetic acrostic, in the first of the 2 middle verselines: the line with initial kaph, v. 20, which constitute the meaningful centre in terms of the alphabetic acrostic. \({ }^{1}\)

\section*{}

But the wicked perish / the enemies of YHWH, like the glory of the pastures // they vanish - like smoke they vanish!
- The centre is significantly highlighted by the fivefold kaph-alliteration - or even a sixfold, if we read with several Hebrew manuscripts כֶשׁׁשָׁ instead of בֶשָׁשׁ in v. 20c! This reminds us of the alliteration in the middle verseline of Psalm 34 and in Psalms 111 and 112 - see Observation 1 in my analysis of Psalm 34.
- The centre is immediately followed by the middle colon \((89=44+1+44)\) in \(v .21 \mathrm{a}\), with its threefold lamedh-alliteration, evidently supporting the kaph-alliteration.
- The centre falls within the \(\mathbf{1 7}\) (slightly off-centre) words of the 2 middle verselines, vs. \(20-21\), which constitute the heart of the psalm: \(297=141+17+139\).
- The centre is additionally highlighted by the middle occurrence of the 7 instances of the keyword רְשָׁעִים, 'the wicked', in v. 20a, the (vs. 14, 16, 17, 20, 28, 34, 38). \({ }^{2}\)
- The last device is the middle occurrence of the name YHWH, positioned in v. 20b, immediately before the arithmetic centre. For the use of the divine name as a highlighting device, compare Psalms 2, 11, 12, 30, 40, and 92 , and see General Introduction, "Special devices to highlight the meaningful centre".
2. There are two significant keywords in v. 20. The first, occurring 7 times, is רְשִִׁׁים, 'the wicked', whose numerical value of \(80(20+21+16+10+13)\) defines the number of words in the passage dealing explicitly with the wicked, Sub-canto I.2, vs. 12-22.
The two occurrences of the second keyword, ,כָּלו, 'they vanish', are positioned exactly within the meaningful centre. numerical value The numerical value of this (literally) most central keyword, \(29(11+12+6=29)\), reverberates no less than 4 times at the beginning and end of the psalm to signify numerically the vanishing of the wicked:
\begin{tabular}{ll} 
vs. 1-4 & 29 words in total \\
vs. 1-7 & 29 words before atnach; note the numerical chiasmus \\
vs. 5-11 & 29 words before atnach \\
vs. 37-40 & 29 words in total.
\end{tabular}

\footnotetext{
\({ }^{1}\) For the rules governing the middle of the alphabetic acrostics - either the kaph- or the lamedhverseline, or both -, see "The alphabetic acrostics" in the General Introduction.
\({ }^{2}\) Note that it concerns only the sheer plural form - the word מֵרְשָׁעִים in v. 40 is excluded.
}

It is important to note that the apparent emphasis on the vanishing of the wicked is perfectly balanced by the consistent reference ( 5 times!) to the inheriting of the land by the righteous - in box: vs. 9b, 11a, 22a, 29a and 34b! \({ }^{3}\)
This brings us to the canto and sub-canto structure, because 4 of the 5 references to the inheriting of the the land function, in my opinion, as a demarcating device.
3. There is no agreement among scholars when it comes to identifying the framework of the psalm, but the use of exactly 80 words to describe the wicked (vs. 12-22), in combination with the 4 presumed demarcating references to the land, appears to be a great help. Considering vs. 12-22 a numerically determined, coherent literary unit, we find strong caesurae between vs. \(11|\mid 12\) and between vs. 22\(| \mid 23\), which suggest a tripartite structure: 1-11, 12-22, 23-40, or a bipartite one: 1-22, 23-40.
There is evidence showing that a bipartite structure is the better option, because vs. 1-22 appears to be a consciously designed literary unit with a distinct meaningful centre:
\begin{tabular}{llr} 
vs. 1-11a & Those who trust in YHWH will inherit the land & 80 words \\
v. 11b & They will delight in abundant prosperity & 4 words \\
vs. 12-22 & The wicked will neither prevail nor inherit the land & 80 words.
\end{tabular}

Since the striking arrangement of these 164 words cannot simply be explained away as a matter of coincidence, there is every reason to regard vs. 1-22 as Canto I, and consequently vs. 23-40 as Canto II. Van der Lugt also found a bipartite structure, which differs from the one presented here. His division of the text, vs. 1-20 and vs. 21-40, is mainly based on rhetorical considerations. For particulars, see CAS, pp. 367-380.
Canto I is made up of 10 strophes and clearly divides into two sub-cantos, which are both concluded by a reference to the inheritance of the land: vs. 1-11 and vs. 12-22.
Canto II, also made up of 10 strophes, divides on the same grounds into three subcantos, because the two references to the inheritance of the land, in vs. 29 and 34, suggest hard breaks in the text between vs. \(29|\mid 30\) and 34\(| \mid 35\), which divide the text into: vs. 23-29, vs. 30-34, and vs. 35-40.

Sub-canto II. 1 The wicked will be cut off and the righteous will inherit the land
Sub-canto II. 2 Despite the threat from the wicked, the righteous will inherit the land
Sub-canto II. 3 The wicked will vanish, but YHWH will let the righteous prevail.
4. Apart from the impressive logotechnical achievements noted above, the author has performed similarly when it comes to the weaving of the divine name numbers 17 and 26 into the fabric of the text, in no less than 20 instances (11 and 9 respectively):
\begin{tabular}{|c|c|c|c|}
\hline vs. 8-11 & 17 words after atnach, & vs. 1-14 & 52 words after atnach \\
\hline vs. 12-15 & 17 words before atnach, & vs. 5-11 & 26 words after atnach \\
\hline vs. 14-19 & 17 words after atnach, & vs. 14-19 & 26 words before atnach \\
\hline vs. 20-21 & 17 words in total, & vs. 21-29 & 26 words after atnach \\
\hline vs. 25-26 & 17 words in total, & vs. 23-33 & 26 words after atnach \\
\hline vs. 21-26 & 17 words after atnach, & vs. 23-36 & \(104(4 \times 26)\) words in total \\
\hline vs. 20-26 & 34 words before atnach, & vs. 35-38 & 26 words in total \\
\hline vs. 23-40 & 85 ( \(5 \times 17\) ) words in total, & vs. \(34-40\) & \(52(2 \times 26)\) words in total \\
\hline vs. 25-26 & 17 words in total, & vs. 20-40 & \(156(6 \times 26)\) words in total \\
\hline vs. 12-29 & \(136(8 \times 17)\) words in total & & \\
\hline vs. 27-40 & 102 ( \(6 \times 17\) ) words in total. & & \\
\hline
\end{tabular}

\footnotetext{
\({ }^{3}\) I owe thanks to Jim McMillan for having drawn my attention to the balance between the vanishing of the wicked and the inheriting of the land by the righteous.
}
5. In vs. 1-11 (Sub-canto I.1) the 84 words of the text divide into 42 in vs. 1-6 (Canticle I.1.1) and 42 in vs. 7-11 (Canticle I.1.2), which suggests, as Van der Lugt observed, that the number of fullness, 7, has been used to structure this part of the text, apparently to express the fullness of the expectations about peace and the possession of land. This is corroborated by the fact that the two initial verselines are both made up of 7 words, and that vs. 30-40 (Sub-canto II.2) have exactly 77 words, the product of \(\mathbf{7}\) and 11.
The number of fulfilment, 11, is a structuring number too. It appears in the \(\mathbf{1 1}\) verselines in Sub-canto I.1, vs. 1-11, in the \(\mathbf{5 5}\) words of vs. 5-11, in the \(\mathbf{2 2 0}\) words of vs. 1-29, and finally in the total number of words: \(297(27 \times 11)\).
6. The name יהוה occurs 15 times, with the pivotal instance immediately before the meaningful centre. For the positioning of the middle instance of the divine name as a highlighting device, see the General Introduction, "Special devices to highlight the meaningful centre." The word אֶלָהיו, 'his God', occurs only in v. 31a.
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