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The Twelve Tribes Paper

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TOWARD BOOK of NUMBERS, CHAPTERS 1, 2 and 26, TWELVE TRIBE POSITION and CENSUS CHANGE EXPLANATIONS

The Perfect and Beautiful Woman

The Scripture Writers' Impossibility-Resolved Social Choice Theory Model

by

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Dedication: For the Precious Moments

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Abstract

This paper is the *coup de grâce* of the PBW Model academic series. It makes a showing that the Book of Numbers, Chapters 1, 2 and 26, listings of the Twelve Tribes of Israel are model driven and not a report of historical fact; supporting the argument that scripture is an encrypted (ordered relations theory: social choice theory: welfare model operations) regression. The model is the scripture writers' impossibility-resolved welfare model, which is derived from their ordered relations theory (abstract ethics based ordered conflict resolution) and their social choice theory paradigm (ethics interposed economics). The showing is based on inter-chapter tribe position and census change explanations that comport with the referenced regression.
I. PROPOSED PAPER'S PURPOSE.

The paper investigates Numbers Chapters 1, 2 and 26 Twelve Tribe Position and Census Change explanations ("∆-EXPLS") and makes a sufficient analytical evidence ("PBW-EVID") showing that reported Tribe Positions and Censuses are PBW Model driven and are not reports of historical fact; contributing toward understanding the Book of Genesis is an encrypted social choice theory model. The Numbers Chapters 1, 2 and 26 Twelve Tribe Position and Census information is scripture defined:

<table>
<thead>
<tr>
<th>Tribe Position</th>
<th>Chapter 1 Tribe Name</th>
<th>Tribe Census</th>
<th>Tribe Name</th>
<th>Tribe Census</th>
<th>Subtotal</th>
<th>Tribe Name</th>
<th>Tribe Census</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Reuben</td>
<td>46500</td>
<td>Judah</td>
<td>74600</td>
<td></td>
<td>Reuben</td>
<td>43730</td>
</tr>
<tr>
<td>2</td>
<td>Simeon</td>
<td>59300</td>
<td>Issachar</td>
<td>54400</td>
<td></td>
<td>Simeon</td>
<td>22200</td>
</tr>
<tr>
<td>3</td>
<td>Gad</td>
<td>45650</td>
<td>Zebulun</td>
<td>57400</td>
<td>186400</td>
<td>Gad</td>
<td>40500</td>
</tr>
<tr>
<td>4</td>
<td>Judah</td>
<td>74600</td>
<td>Reuben</td>
<td>46500</td>
<td></td>
<td>Judah</td>
<td>76500</td>
</tr>
<tr>
<td>5</td>
<td>Issachar</td>
<td>54400</td>
<td>Simeon</td>
<td>59300</td>
<td></td>
<td>Issachar</td>
<td>64300</td>
</tr>
<tr>
<td>6</td>
<td>Zebulun</td>
<td>57400</td>
<td>Gad</td>
<td>45650</td>
<td>151450</td>
<td>Zebulun</td>
<td>60500</td>
</tr>
<tr>
<td>7</td>
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<td>40500</td>
<td>Ephraim</td>
<td>40500</td>
<td></td>
<td>Ephraim</td>
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<td>52700</td>
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<tr>
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<td>35400</td>
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<td>35400</td>
<td>108100</td>
<td>Benjamin</td>
<td>45600</td>
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<tr>
<td>10</td>
<td>Dan</td>
<td>62700</td>
<td>Dan</td>
<td>62700</td>
<td></td>
<td>Dan</td>
<td>64400</td>
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<tr>
<td>11</td>
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<td>41500</td>
<td>Asher</td>
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<td>Asher</td>
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<td>12</td>
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<td>53400</td>
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<td>Naphtali</td>
<td>45400</td>
</tr>
<tr>
<td>Σ</td>
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<td>603550</td>
<td>603550</td>
<td>601730</td>
<td></td>
<td></td>
<td>601730</td>
</tr>
</tbody>
</table>
II. THE PROPOSED PAPER'S ORGANIZATION.

The threshold task is developing SODREC® and SODREC® PBW Model vernacular and notion understandings inasmuch as ∆-EXPLS are a SODREC® and SODREC® f(x).¹ SODREC® is Combination Nine Space defined. SODREC® is Combination Eight Space defined.

A. SODREC®

SODREC® [(Empowerment, Return of Empowerment), (Exponential, Logarithmic)] defines the Genesis 3:15 "woman," to wit:

![The Genesis 3:15 Woman](image)

PBW-EVID suggests several PBW Model operands are SODREC® progression determined. First, SODREC® is Macro-Economy defined. Second, Numbers Chapters 1, 2 and 26 Twelve Tribe Position is SODREC® determined, involving an APPGIT-like procedure.²

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² APPGIT is Antithetical-Primary Population General Impossibility Theorem referenced and constraint-defines the sole (Exclusionary : Inclusionary) Prejudice reconciliation progression path.
Third, UMEP determination is a SODREC® $f(x)$. Numbers Chapter 26 (601730, UMEP) is (Reuben, 43730) defined. Numbers Chapters 1 and 2 (603550, UMEP) is (Gad, 45650) defined. UMEP Censuses are four digits, single trailing zero characterized while all other Numbers Chapters 1, 2 and 26 Censuses are three digits, double trailing zero characterized. Reuben's 43730 defines Reuben as the Chapter 26 UMEP. Gad's 45650 defines Gad as the Chapters 1 and 2 UMEP. Fourth, the UMEP Adjustment ("UMEP-ADJ") is SODREC® determined. UMEP-ADJ transforms the four digits, single trailing zero Censuses into three digits, double trailing zero Censuses.

Fifth, and finally, Numbers 2:49 reports the Levites are not numbered among the Twelve Tribes of Israel. Numbers Chapter 2 Twelve Tribes are four triune Censuses sub-total defined. PBW-EVID shows Levite Census is Triune$_n$ allocated. Triune$_{1...4}$ Levite Censuses are, *inter alia*, a DGO$_n$, APPGIT and STDG $f(x)$.

Quantitative Metaphorical Expression ("QME") investigation includes (i) (603550, 601730) origin determination, (ii) (45650, 43730) origin and (603550, 601730) interrelationship determination, and (iii) [(603550, UMEP-ADJ), (601730, UMEP-ADJ)] origin and [(603550, 601730), (45650, 43730)] interrelationship determination.

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3 UMEP is Utility Maximizing Economic Prosecutor defined. UMEP is the empowering GCS Model creator. UMEP is a 349 Period 8 space $f(x)$. Q.v., *The Christ Model*, supra, Appendix #3, 349 Period Definition, pp. 176-93.

4 DGO$_n$ is *Mountains of Ararat* Divine Given Opportunity defined. Q.v., *The Christ Model*, supra, Schedule U, *The Mountains of Ararat*, pp. 167-8 and Appendix #5, *Mountains of Ararat* DGO$_n$ and DGO$_n$ Accounting Systems, pp. 214-7. STDG is "Six Term Digit Group" defined. An STDG is defined by the six numerical terms between two seven divisible numbers (including zero treated as a seven divisible number) in ordinary number serialization space.
Asymptotic SODREC® pressures are a \{[(Vertical),(MR, RR, ER)], [(Horizontal), (MR, RR, ER)]\} \(f(x)\),\(^5\) to wit:

\[\text{SODREC®} \]

\[
\begin{array}{llll}
\text{ER} & \text{RR} & \text{MR} \\
\text{(GIVEN COMB, GIVEN PERM)} & \text{(GIVEN COMB, ANY PERM)} & \text{(ANY COMB, ANY PERM)} \\
\text{WITHIN} & \text{WITHIN} & \text{WITHIN} \\
\text{AMONG} & \text{AMONG} & \text{AMONG} \\
\text{GIVEN} & \text{GIVEN} & \text{GIVEN} \\
\text{ANY} & \text{ANY} & \text{ANY} \\
\text{ER} & \text{RR} & \text{MR} \\
\end{array}
\]

B. SODREC®

SODREC® is UMEP defined inasmuch as such space effects (SODREC® Macro-Economy, Permutation APPGIT Seven Space Micro-Economy) translation. UMEP effects \{[SODREC®, Curvilinear], [(Empowerment, Return of Empowerment), (Exponential, Logarithmic)]\}: \{[ Permutation APPGIT Seven Space Micro-Economy, Linear], [(Empowerment, Return of Empowerment), (Straight Line)]\} translation. UMEP's translation is graphically depicted:

![Graphical Depiction](image)

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\(^5\) MR is (any-combination, any-permutation) mutual reconciliation defined. RR is (given-combination, any-permutation) reflexive reconciliation defined. ER is (given-combination, given-permutation) exclusive reconciliation defined. Reconciliation is an (Exclusionary : Inclusionary) Prejudice alignment in God's Will \(f(x)\).

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4
(Curvilinear:Linear) UMEP translation is a \( f(x) \). Effected UMEP Censuses are \([(\text{UMEP four digits, single trailing zero Census}) + (\text{UMEP-ADJ}) = (\text{UMEP three digits, double trailing zero Census})]\) defined. SODREC\( ^\oplus \) progression is graphically depicted:

\[
\begin{array}{c|c|c}
\text{ER} & \text{RR} & \text{MR} \\
\end{array}
\]

PBW-EVID shows Twelve Tribe Censuses are a SODREC\( ^\oplus \) Pythagorean 4 and 3 Space \( f(x) \).

**III. THE LITERATURE STATUS QUO.**

The literature is rabbinical mathematics replete. *Q.v.*, Gabai, Hyman. *Judaism, Mathematics and the Hebrew Calendar*. Jason Aronson, Inc., 2002. However, the literature is \( \Delta \)-EXPLS devoid.

**IV. ARGUMENT SUMMARY.**

PBW-EVID, *inter alia*, shows (i) Numbers Chapters 1, 2 and 26 Twelve Tribe Position is a SODREC\( ^\oplus \) \( f(x) \), (ii) \((603550, 601730), (\text{Triune}_{1..4} \text{Subtotals}), (\text{UMEP 45650, UMEP 43730}), (\text{UMEP-ADJ, 603550}), (\text{UMEP-ADJ, 601730})\) are a SODREC\( ^\oplus \), EDGO\(_{91}\) and DGO\(_{92}\) \( f(x) \), (iii) Numbers Chapters 1, 2 and 26 Censuses are a SODREC\( ^\oplus \) (a) Pythagorean 4 Space, and (b) Pythagorean 3 Space \( f(x) \), and (iv) \{[\text{Triune}1], [\text{Reuben, Simeon, Gad}]\} is more \{[(\text{Exclusionary: Inclusionary}) \text{Prejudice}], [\text{Alignment in God's Will}]\} advanced than Triune\(_{2..4}\).
V. THE PAPER'S CONTRIBUTION.

The paper is a first instance literary contribution. It engenders (scripture numerical reference, PBW Model) academic investigation and begs further quantitative and qualitative study. For example, it is foreseeable SODREC® and SODREC 1 Chronicles and 2 Chronicles genealogy investigations will produce PBW Model philosophical content.