



COGNITIVE MODELING OF CHRISTIAN COMMUNITIES

DEVELOPING INTELLIGENT AGENTS TO ADDRESS
THE POLARIZATION EFFECTS IN CHURCHES

BAPTIZING

THE
KINGDOM,
THE POWER,
AND THE GLORY

AMERICAN EVANGELICALS
IN AN AGE OF EXTREMISM



TIM ALBERTA

New York Times Bestselling Author of American Carnage

PHIL
YANG

CHRIST
AND PO

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PARTN

IN DEFENSE OF
CHRISTIAN
PATRIOTISM



DANIEL DARLING

David Ryan Nelson

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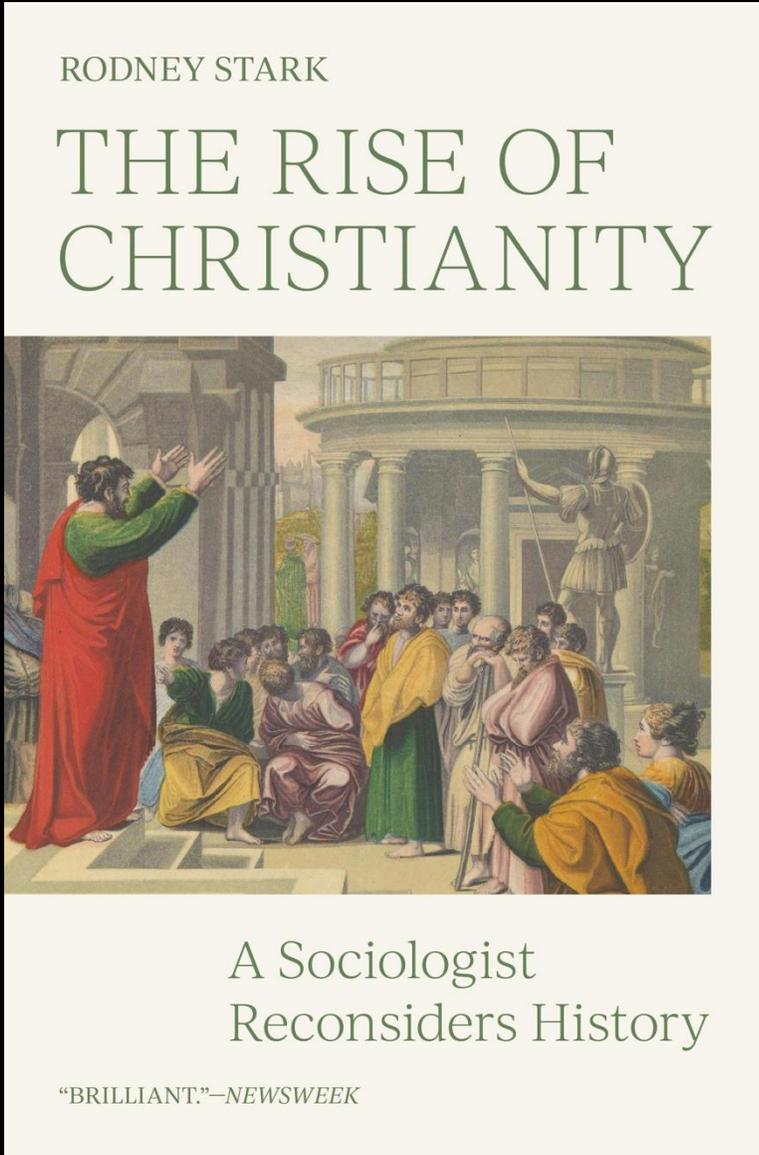


POLITICAL POLARIZATION AND THE CHURCHES:
TOCQUEVILLE ON RELIGION, DEMOCRACY
AND THE FUTURE OF CHRISTIANITY

Charles A. McDaniel, Jr.
Baylor University

"The less religion and its ministers are mixed up with government... the more influential religious ideas will become."





... All questions concerning the rise of Christianity are one: **How was it done?** How did a tiny and obscure messianic movement from the edge of the Roman Empire dislodge classical paganism and become the dominant faith of Western civilization?



● Intelligent Agents

- In artificial intelligence, an intelligent agent is an entity that perceives its environment, takes actions autonomously to achieve goals, and may improve its performance through machine learning or by acquiring knowledge.
- A specialized subset of intelligent agents, agentic AI (also known as an AI agent or simply agent), expands this concept by proactively pursuing goals, making decisions, and taking actions over extended periods.

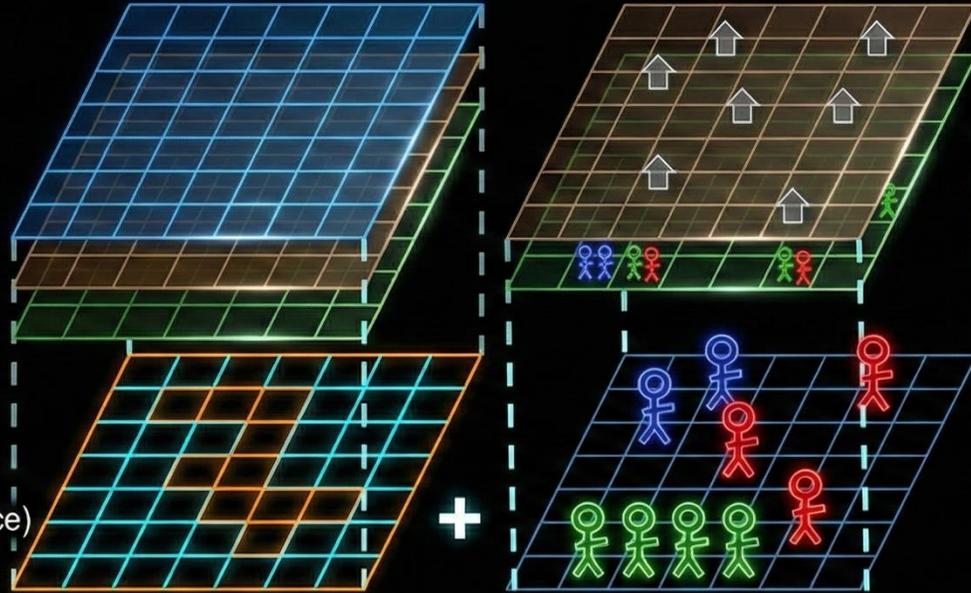
Source: [Wikipedia](#)



Agent-based Modeling

Church Environment & Resources
 Sanctuary Size
 Classroom Capacity
 Budget/Funding

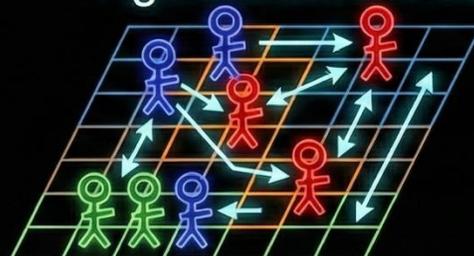
Ministry & Program Dynamics (Cellular Automaton)
 Program Growth (Attendance)
 Volunteer Need (Tasks)
 Resource Use (Budget)



Congregation & Community Data
 Member Households
 Visitor Demographics

Church Members (Agents)
 Elders/Staff (Leadership, Service)
 Regular Members (Worship, Giving, Fellowship)
 Visitors
 Visitors (Exploring, Integrating)

= Agent-Based Model

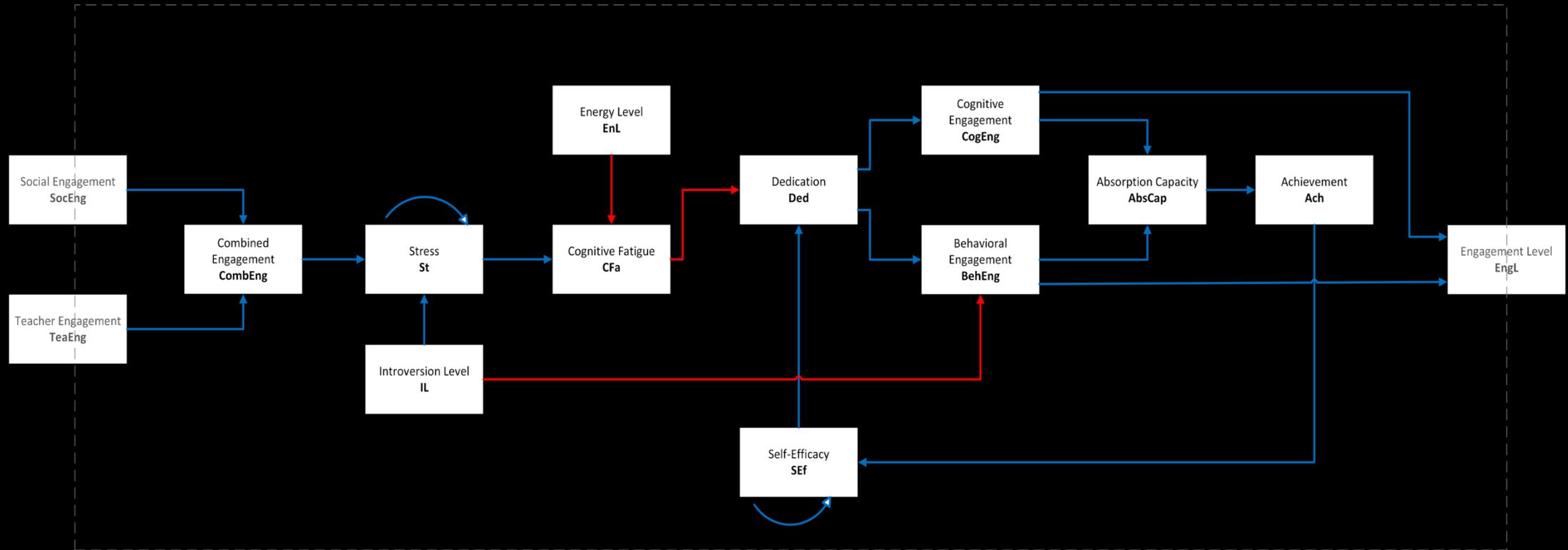


This is not a model. It is just an illustration of a concept.





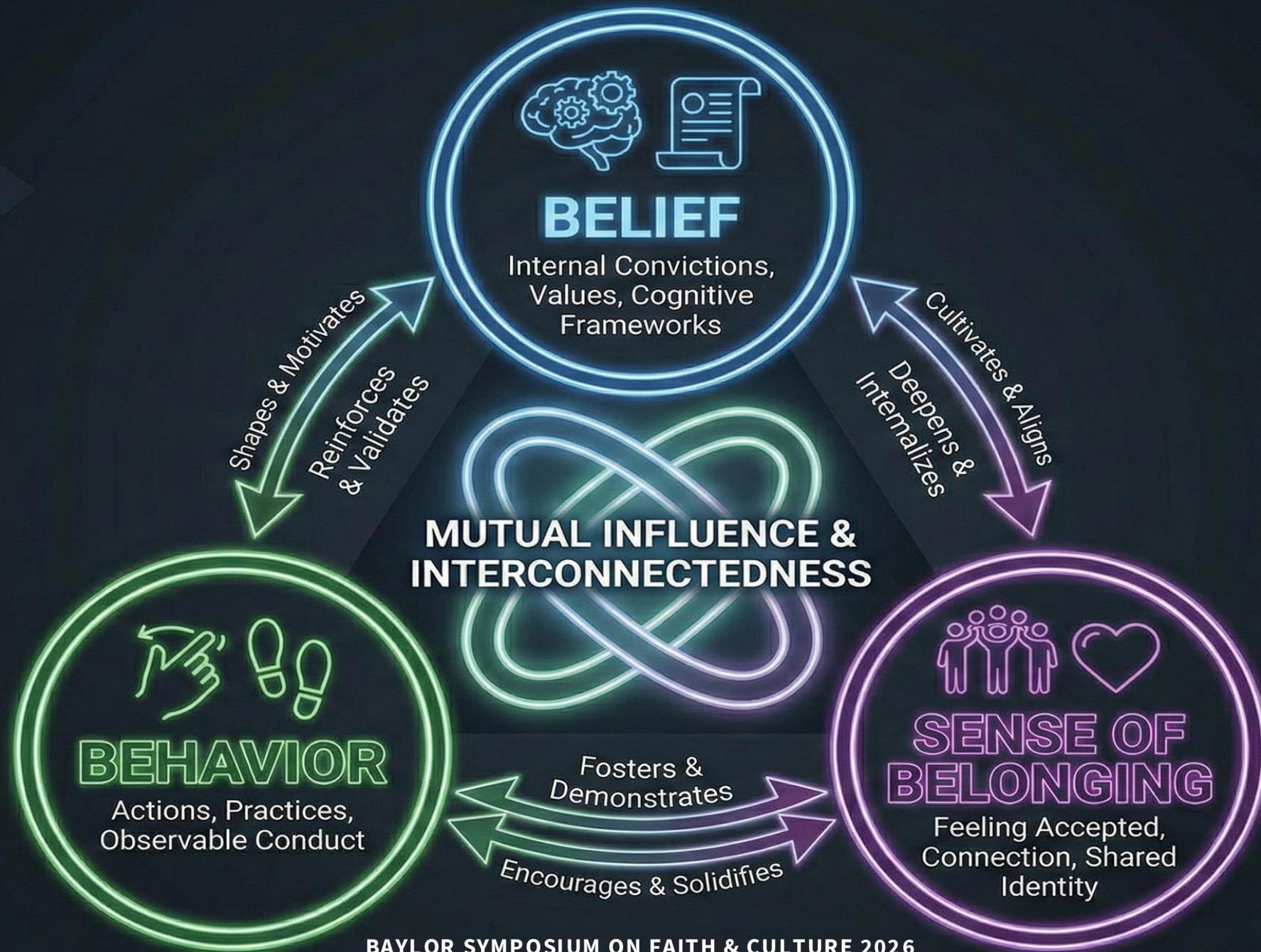
A Model for Introversion in Classroom (2025)



● A New Approach

- Community-oriented
- Data-oriented
- Balance between doctrine, charity, and orthodoxy





● Sense of Belonging

- Do I see myself as part of this community?
- Do I feel useful to others in this community?
- Do people see my value as part of this community?
- Do I share the same values and beliefs with others in this community?



● Political Polarization

The damage caused by Political Polarization

- Do I feel obliged to share the same political agenda with the community to belong?
- Do I find myself in inner conflict when I talk to others or listen to the sermon?
- Do I sense repulsion and avoidance when I voice my own political ideas in this group?



- Sociological Concepts

- Homophily

- birds of a feather flock together

- Social Contagion

- a spark in one becomes a flame in many



● Mathematical Framework

- Sense of belonging is calculated as:
 - The **strength** of my connections with the members of my community
 - How close I am to the beliefs and behaviors of others within my community
- The connection strength is based on the distance between beliefs, behaviors, and political opinions, that is, the homophily factor.
- Factors as **resilience** and **openness** may play a role in the model.
- This is a **temporal model**, so there is a fine-tuning challenge to address how the sense of belonging changes over time.





Demo

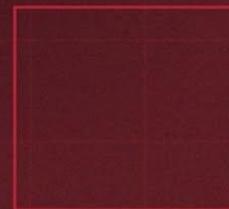
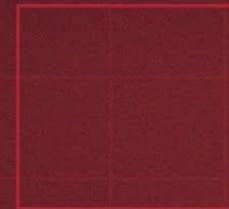




WISDOM IN THE AGE OF AI



Calvin UNIVERSITY 



CONFERENCE IN GRAND RAPIDS, MI
OCTOBER 8-10, 2026

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